

SUNLU (Anhui) Technology Co., Ltd

SUNLU (Guangdong) Technology Co., Ltd

Zhuhai SUNLU Industrial Co., Ltd

SUNLU International Vietnam Co., Ltd

SUNLU Germany GmbH.

SUNLU 三绿

**3D PRINTING
MATERIALS SPECIALIST**

Simplify Your Creation

Simplify Your Creation

SUNLU 三绿





ISO
International ISO
Certification



Leading Global
Market Share



The World's First Company
To Launch The "Neatly
Wound Filament"



2013,,3D

“
”
”

20248,11

1000,2003D3D

3D.RoHS

REACH, FCC, CE, UKCA

3D52,600

100,, .2019

”

Low, New

SUNLU was founded in 2013 as an integrated enterprise dedicated to providing users with premium 3D printing materials and supporting electronic products. With extensive R&D and manufacturing experience, the company has been honored with titles such as the National "Specialized, Refined, Unique, and Innovative Little Giant Enterprise" by the Ministry of Industry and Information Technology, and the "Provincial Manufacturing Single Champion." The company has two major domestic production bases in East China (Anhui) and South China (Guangdong). To better serve overseas customers, the Vietnam production base was completed and put into operation in August 2024, followed by the launch of the German subsidiary in November of the same year, marking the gradual unfolding of SUNLU's global strategic layout.

Today, the company employs over 1,000 staff members, operates more than 200 automated 3D printing filament production lines and electronic product workshops, making it one of the largest enterprises in China in terms of production capacity and output value for 3D printing filaments. All products are certified by RoHS, REACH, FCC, CE, and UKCA, and are distributed worldwide through global agents and cross-border e-commerce platforms, reaching Europe, North America, Southeast Asia, and beyond.

In recent years, SUNLU has carried out nearly 52 scientific research and product development projects, filed over 600 intellectual property applications including more than 100 invention patents, and built a strong team of high-level experts in R&D, management, and marketing. In 2019, SUNLU became the first company globally to launch "neatly spooled" filaments, innovatively addressing common industry issues such as filament tangling and nozzle clogging from the source, thereby enhancing industry production efficiency and reducing development costs.

Looking ahead, we will continue to uphold our corporate mission of "Simplify Your Creation " focusing on users, prioritizing creators, relentlessly refining our products, diligently improving user experience, and lowering the barriers to entry. We are committed to becoming a steady leader in driving innovation and development in the industry.


200+
Global Production
Lines
Production lines


≈10w^{m²}
Global Production Base
Area
Global production
base area


+
Intellectual property rights
(including pending applications)


1000+
Group
Employees
Group employees

2013

珠海三绿成立。
Zhuhai SUNLU was established.

2014

行业首推耗材线径公差
±0.02mm、第一款3D
打印笔上市。

The industry's first filament
dimensional accuracy $\pm 0.02\text{mm}$ and the first 3D
printing pen is launched.

2015

荣获 3D 打印耗材金奖、
SL-300 打印笔荣获中国
创新设计二等奖。

Won the Gold Award for
3D printing filament, and
the SL-300 3D printing pen
won the second prize of
China Innovation Design.

2016

成为国家高新技术企业、在安徽成立分公司。
Became a national
high-tech enterprise and
established a branch in
Anhui.

2017

通过 ISO:9001 质量
管理体系认证。
Certified ISO:9001 quality
management system.

2018

行业首推可拆卸线盘
和无线盘耗材。
The industry's first detachable
spool and spoolless filament.

2019

行业首推全自动化整
齐排线耗材。
The industry's first fully
automated Neat Winding
Filament.

2020

耗材干燥箱上市、安
徽芜湖华东生产基地
建成投产。
The filament dryer box
was launched, and the
East China production
base in Wuhu, Anhui was
completed and put into
operation.

2021

广东省专精特新中小
企业；珠海市专精特
新中小企业；珠海市
高新技术企业百强（成
长性 100 强和创新综
合实力 100 强）。
Guangdong Province &
Zhuhai City specialized and
sophisticated enterprises
that produce new and
unique products; Zhuhai
Top 100 High-tech
Enterprises (Top 100 in
Growth and Top 100 in
Comprehensive Strength in
Innovation)

2022

广东省知识产权示范企
业；工业和信息化部专
精特新小巨人企业；
3D 打印光敏树脂上市。
Intellectual Property
Demonstration Enterprise of
Guangdong Province;
Ministry of Industry and
Information Technology
Specialized, Specialized and
New Small Giant Enterprises;
3D printing photosensitive
resin listed.

2023

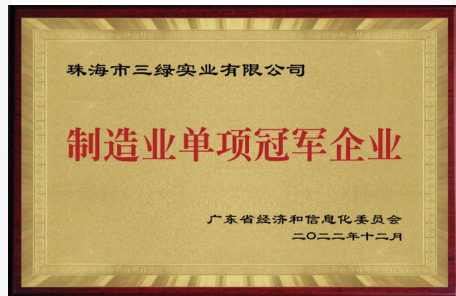
广东省制造业单项冠
军（产品）企业；珠海
市 3D 打印材料及设
备工程技术研究中
心；广东华南生产基
地建成投产。
Guangdong Manufacturing
Single Champion (Product)
Enterprises; Zhuhai 3D Printing
Materials and Equipment
Engineering Technology Research
Center; South China Production
Base Completed and put into
production.

2024

乔迁至中山三绿科技园；
越南基地投产；德国三绿
投入运营。
Sunlu factory move to Zhongshan
Sunlu Technology Park;
Sunlu (Vietnam) production base
put into operation;
Sunlu establish overseas
office in Germany

Group Honors

Group Honors



Product Certification

FDM

FDM Filaments



LCD

Photopolymer Resin



Electronic Products



Product List · Product List

SUNLU 三绿

FDM FDM Filaments

General Filament	Esthetic Filament	High-Speed Filament	Functional Filament	Engineering Filament
010 PLA	021 PLA(PLA Wood)	034 PLA(High Speed PLA)	040 PLA Meta	052 6+66(Easy PA)
011 PLA+	022 PLA(PLA Glow in The Dark)	035 PLA+(High Speed PLA+)	041 PLA(PLA Carbon Fiber)	053 6+(PA6-CF)
012 PLA+2.0	023 PLA(PLA Rainbow)	036 PLA(High Speed PLA Marble)	042 PETG(PETG Carbon Fiber)	054 6+(PA6-GF)
013 PLA(PLA Matte)	024 PLA(PLA Transparent Rainbow)	037 ABS(High Speed ABS)	043 ASA	055 12+(PA12-CF)
014 PLA(APLA)	025 PLA(PLA Twinkling)	038 PETG(High Speed Matte PETG)	044 TPU 90A	056 PC
015 PLA(PLA Classic)	026 PLA+(PLA+ Silk Rainbow)		045 TPU 95A	057 PC-ABS
016 PLA+(PLA+ Silk)	027 PLA+(PLA+ Silk Dual-Color)		046 TPU(TPU Silk)	058 PP
017 ABS	028 PLA+(PLA+ Silk Tri-Color)		047 ABS(ABS-FR)	059 PEEK
018 PETG	029 PLA+(PLA+ Silk Four-Color)		048 PLA(PLA-LW)	060 ABS-GF
019 PCL	030 PLA(PLA Matte Dual-Color)		049 PVA	
	031 PLA(PLA Galaxy)		050 PVB	
	032 PETG(PETG Glow in The Dark)			

Photopolymer Resin

General Resin	Esthetic Resin	High Precision Resin	Functional Resin	Engineering Resin	Dental Resin
062 (Standard)	068 (High Clear)	072 14K(14K Standard)	078 (Toughness)	084 Plus (High Temperature Plus)	086 (Dental Model)
063 Plus(Standard Plus)	069 (Glow In The Dark)	073 14K(14K Red Wax)	079 PA(Nylon-Like)		087 (Dental Implant Model)
064 (Water-Wash Standard)	070 CMYK+W (CMYK+W Color Resin)	074 14K(14K Water-Wash Standard)	080 (Flexible Resin)		
065 ABS(ABS -Like)		075 ABS 14K(14K ABS-Like)	081 ABS(Water-Wash ABS)		
066 AB(AB Epoxy Resin)		076 ABS 14K(14K Water-Wash ABS Like)	082 (High Speed Standard)		

Electronic Products

Auxiliary Electronics	3D Printing Pen
089 AMS (AMS Heater)	097 3DSL-200
090 SP2(FilaDryer SP2)	098 3DSL-300
091 E2(FilaDryer E2)	099 3DSL-300A
092 S4(FilaDryer S4)	100 3DSL-300Plus
093 S2(FilaDryer S2)	101 3DSL-900
094 S1Plus(FilaDryer S1 Plus)	102 3DSL-900A
095 (Filament Connector FC01)	
096 RC-2(Resin UV Curing Enclosure RC-2)	



General Filament

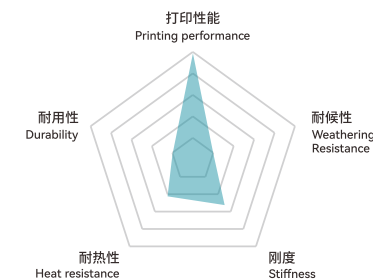
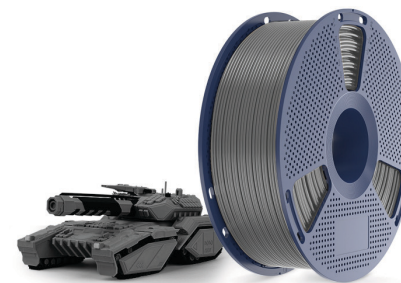
General
Filament



Printed with SUNLU PLA

PLA

General
Filament



Product Characteristics

Eco-friendly and non-toxic, completely plant-derived with biodegradable properties. High compatibility, perfect for beginners to get started and provide a quality printing experience.

Can Colors Available Colors

Basic Colors



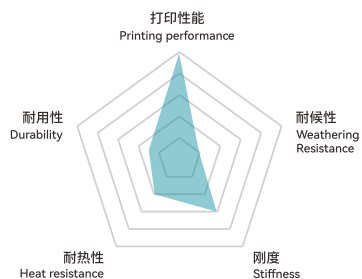
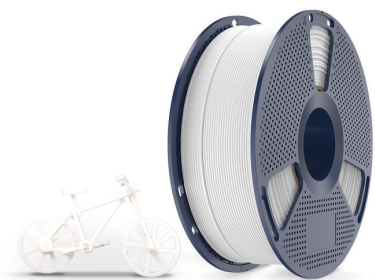
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	61	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	3500	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	3.1	%
弯曲强度(Bending strength)	ISO178	2mm/min	83	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2240	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	3.9	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	200-210°C:50-100mm/s 210-240°C:100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C



Product Characteristics

PLA+
PLA5-10.

Modified PLA material, designed to enhance printing performance. Good impact toughness, drop and smash resistance is 5-10 times that of PLA.

Can Colors Available Colors

Basic Colors



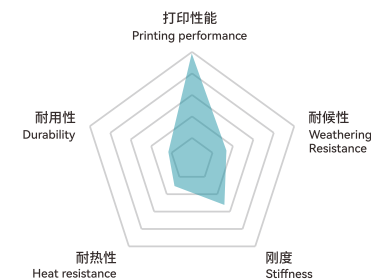
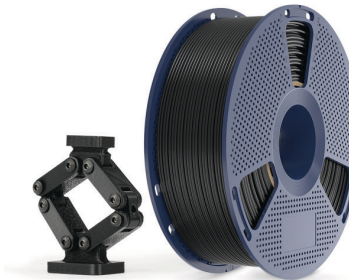
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	64	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	3570	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	17	%
弯曲强度(Bending strength)	ISO178	2mm/min	86	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2907	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	3.5	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	200-210°C:50-100mm/s 210-240°C:100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C



Product Characteristics

19.8KJ/㎡, PLA+
2-3.

Resistant to falling and smashing, the impact strength is up to 19.8KJ/m², which is 2-3 times the toughness of other PLA+ materials on the market.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	53.4	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	20.3	%
弯曲强度(Bending strength)	ISO178	2mm/min	81.8	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2740	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	19.8	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	54	°C

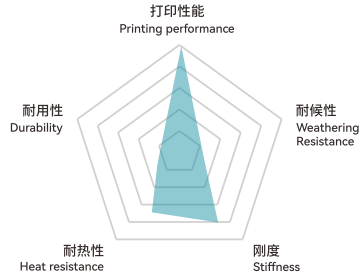
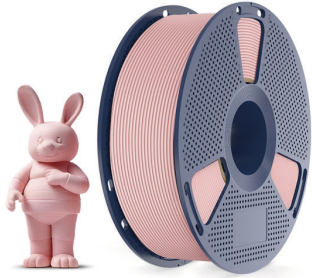
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	195-205°C:50-100mm/s 205-220°C:100-300mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA(PLA Matte)

General
Filament



Product Characteristics

Finish, High
PLA.

With a unique matte texture, the surface is fine and layer-free, presenting a premium frosted feel and eliminating the plastic feel of the traditional PLA look.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	50.5	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	4780	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	9.6	%
弯曲强度(Bending strength)	ISO178	2mm/min	61	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2234	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	4.9	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

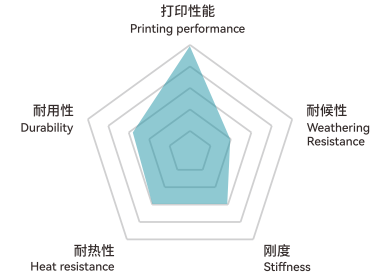
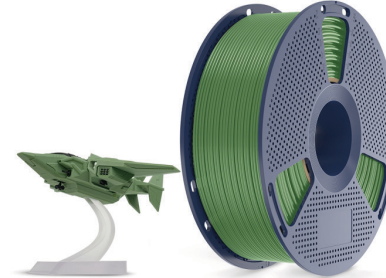
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	205-215°C:50-100mm/s 215-245°C:100-230mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA(APLA)

General
Filament



Product Characteristics

Finish

The ability to print richly hollowed out artwork without stretching, with a fine surface and a matte texture.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	51.3	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	4690	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	9.2	%
弯曲强度(Bending strength)	ISO178	2mm/min	63	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2189	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	5	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

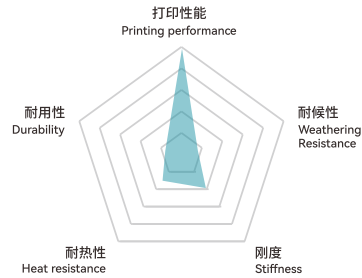
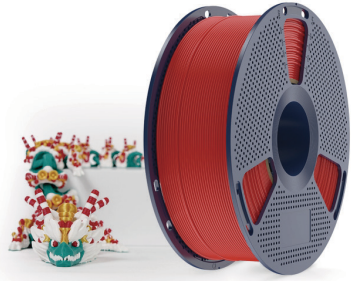
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	205-215°C:50-100mm/s 215-245°C:100-230mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA(PLA Classic)

General
Filament



Product Characteristics

600mm/sPLA

PLA consumables support fast 600mm/s printing, while their high toughness and excellent impact resistance ensure durable and robust prints. The material is easy to peel off, making post-processing easier. The matte finish provides a subtle texture.

Can Colors Available Colors

Basic Colors



CMYK CMYK Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	28	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	27.5	%
弯曲强度(Bending strength)	ISO178	2mm/min	85.8	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	3832	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	18	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	55	°C

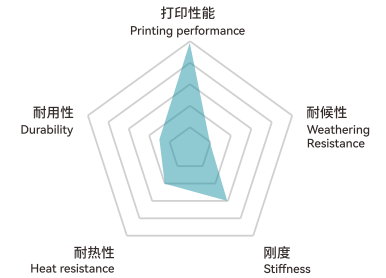
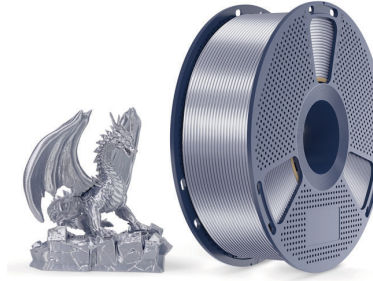
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	190-210°C:50-150mm/s,210-230°C:150-300mm/s,230-260°C:300-450mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA+(PLA+ Silk)

General
Filament



Product Characteristics

It reveals a delicate silk-like touch and beautiful color.

Can Colors Available Colors

Basic Colors



CMYK CMYK Colors



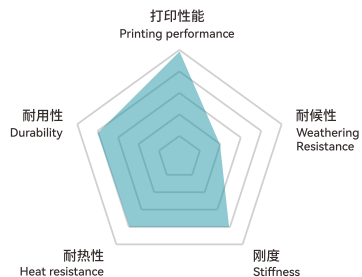
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	60.6	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	2760	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	6.3	%
弯曲强度(Bending strength)	ISO178	2mm/min	65	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	1895	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	4.2	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	205-215°C:50-100mm/s 215-235°C:100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C



Product Characteristics

Large
ABS(95°C)

Capable of withstanding large physical impacts and pressures, it is ideally suited for making items that require sturdy construction. ABS material also has good thermal stability (temperature resistance of 95°C), making it excellent and durable in high-temperature environments.

Can Colors Available Colors

Basic Colors



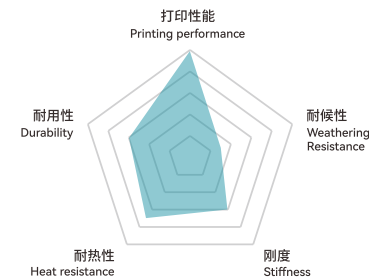
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	42	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	2270	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	7.8	%
弯曲强度(Bending strength)	ISO178	2mm/min	55	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	1829	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	25	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	95	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	250-260°C:50-100mm/s 260-280°C:100-200mm/s
打印平台温度(Print platform temperature)	80-100°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C



Product Characteristics

Colors

Bright color, excellent toughness and impact resistance, able to withstand falls and impacts, not easy to break.

Can Colors Available Colors

Basic Colors



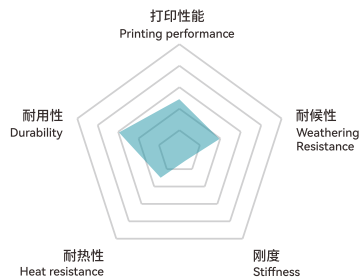
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	55	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	2990	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	17.3	%
弯曲强度(Bending strength)	ISO178	2mm/min	77	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2226	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	17	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	68	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	250-260°C:50-100mm/s 260-280°C:100-200mm/s
打印平台温度(Print platform temperature)	60-70°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C



Product Characteristics

70°C.

Printing at 70°C, it is ideal for educational and home use.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	/	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	800	%
弯曲强度(Bending strength)	ISO178	2mm/min	/	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	/	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	/	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	/	°C

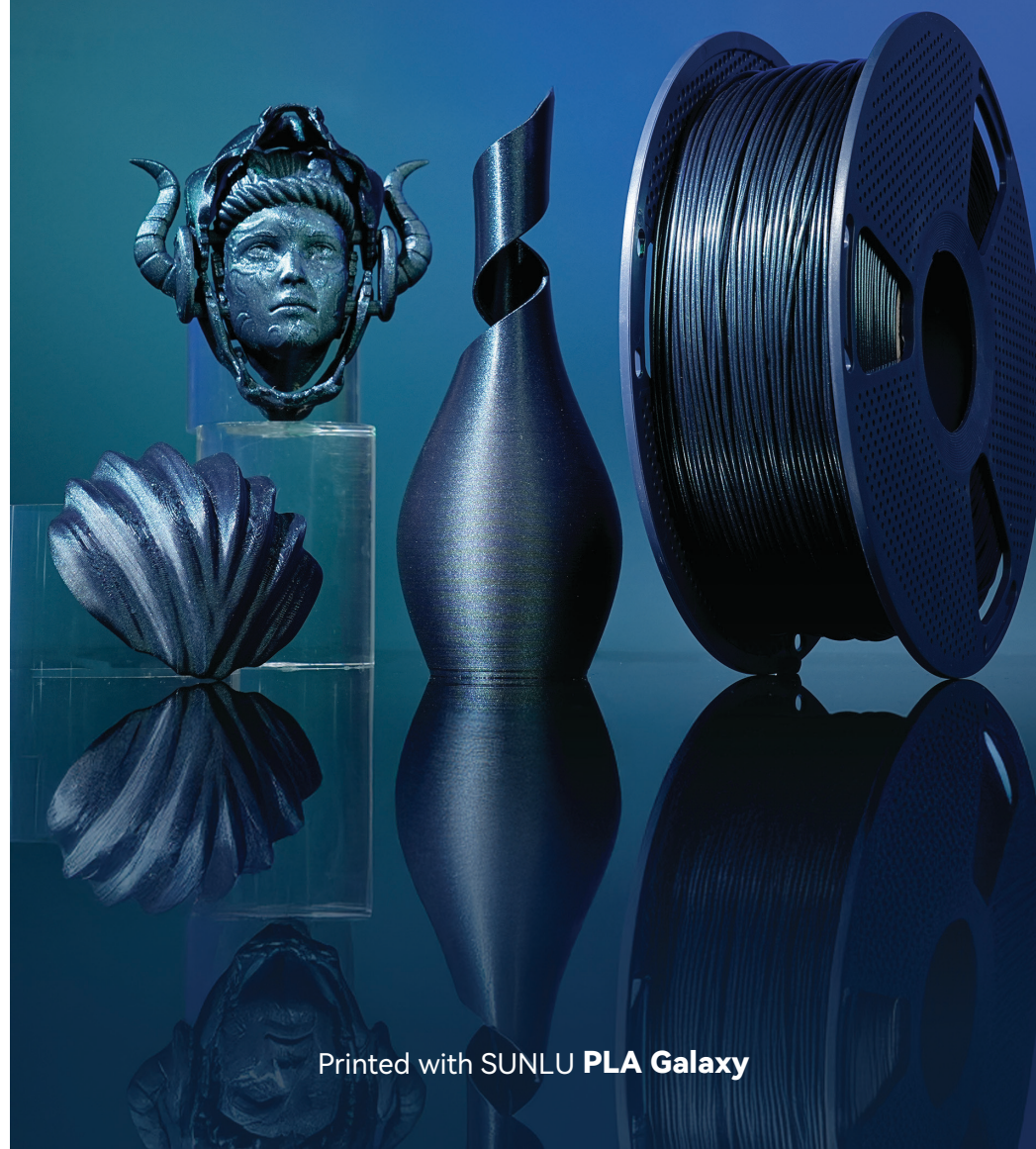
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	75-85°C
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

Esthetic Filament

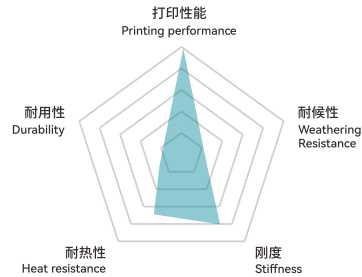
Esthetic
Filament



Printed with SUNLU PLA Galaxy

PLA(PLA Wood)

Esthetic
Filament



Product Characteristics

15%.

Contains 15% wood flour. The prints show a natural wood grain and give off a light wood fragrance.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	37	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	3	%
弯曲强度(Bending strength)	ISO178	2mm/min	65	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	3154	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	5.2	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	54.4	°C

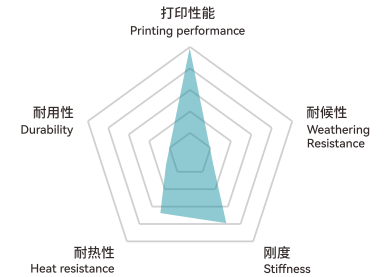
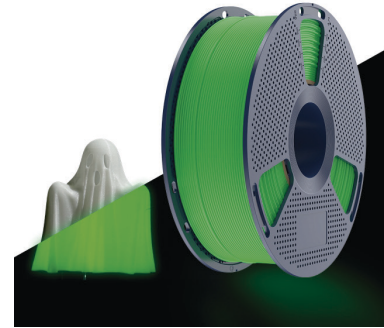
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	195-205°C:50-100mm/s,205-215°C:100-150mm/s,215-260°C:150-400mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA(PLA Glow in The Dark)

Esthetic
Filament



Product Characteristics

PLA(
30)

PLA luminescence is able to continue to glow in the dark after fully absorbing light energy (luminous duration of about 30 minutes).

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	49	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	21	%
弯曲强度(Bending strength)	ISO178	2mm/min	79	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2155	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	3.9	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

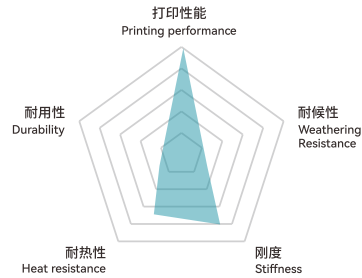
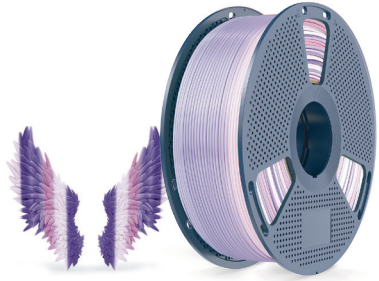
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	205-215°C:50-100mm/s 215-235°C:100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA(PLA Rainbow)

Esthetic
Filament



Product Characteristics

816

Color gradient consumables with gradual color transitions at every 8 or 16 meters, the printed model shows brilliant gradient rainbow colors from the bottom up.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	61	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	3500	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	3.1	%
弯曲强度(Bending strength)	ISO178	2mm/min	83	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2240	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	3.9	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

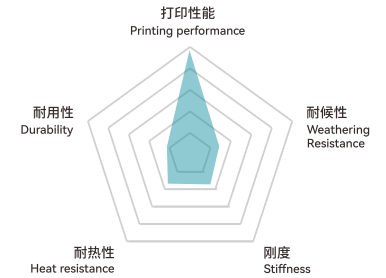
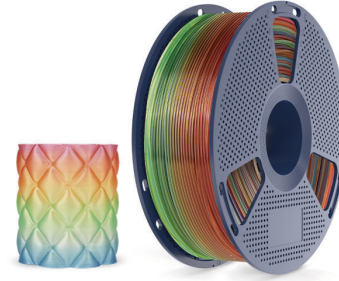
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	200-210°C:50-100mm/s 210-240°C:100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA(PLA Transparent Rainbow)

Esthetic
Filament



Product Characteristics

8

The material is highly accurate and translucent, with a unique 8-meter gradient color effect, the printed model shows a brilliant gradient rainbow color from the bottom up.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	62.6	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	17	%
弯曲强度(Bending strength)	ISO178	2mm/min	94	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2971	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	3.8	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	54.7	°C

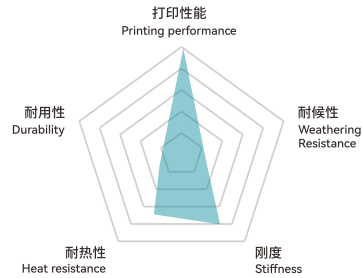
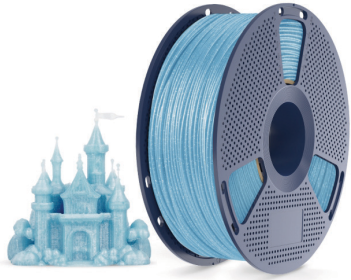
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	195-205°C:50-100mm/s 205-220°C:100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA(PLA Twinkling)

Esthetic
Filament



Product Characteristics

PLA

PLA supplies containing glitter particles add a unique brightness and shimmering effect to prints.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	61	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	3500	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	3.1	%
弯曲强度(Bending strength)	ISO178	2mm/min	83	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2240	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	3.9	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

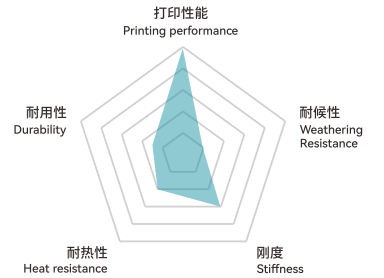
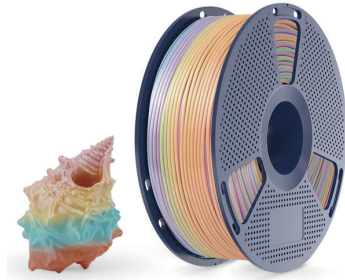
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	205-215°C:50-100mm/s 215-245°C:100-150mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA+(PLA+ Silk Rainbow)

Esthetic
Filament



Product Characteristics

8

Presenting a delicate silk-like touch and beautiful colors, the colors naturally transition and fade every 8 meters, with a gorgeous gradation of rainbow colors upwards at the bottom.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	60.6	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	2760	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	6.3	%
弯曲强度(Bending strength)	ISO178	2mm/min	65	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	1895	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	4.2	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

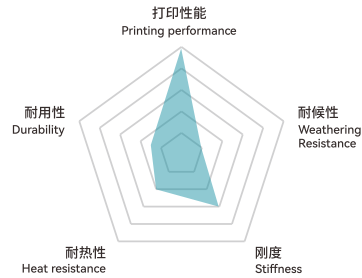
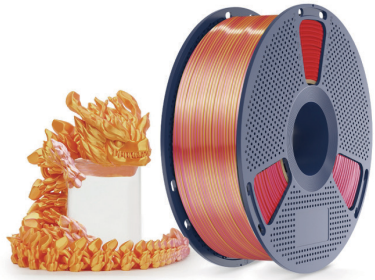
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	205-215°C:50-100mm/s 215-235°C:100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA+(PLA+ Silk Dual-Color)

Esthetic
Filament



Product Characteristics

Silky and delicate touch. The model presents two different color variations at different angles and surfaces.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	60.6	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	2760	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	6.3	%
弯曲强度(Bending strength)	ISO178	2mm/min	65	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	1895	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	4.2	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

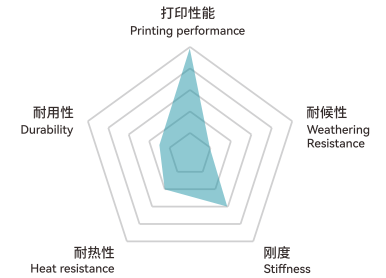
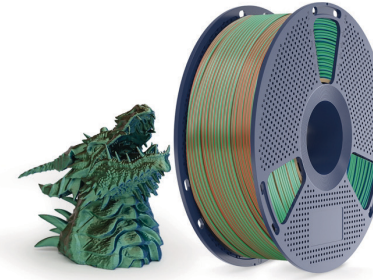
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	205-215°C:50-100mm/s 215-235°C:100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA+(PLA+ Silk Tri-Color)

Esthetic
Filament



Product Characteristics

Silky and delicate touch. The model presents three different color variations at different angles and surfaces.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	60.6	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	2760	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	6.3	%
弯曲强度(Bending strength)	ISO178	2mm/min	65	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	1895	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	4.2	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

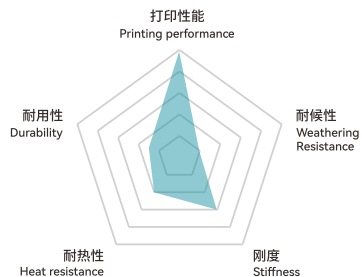
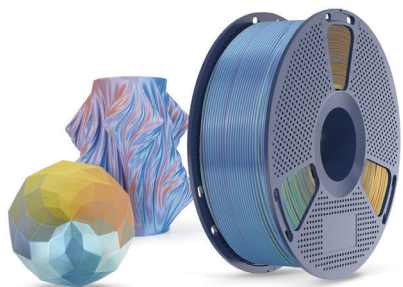
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	205-215°C:50-100mm/s 215-235°C:100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA+(PLA+ Silk Four-Color)

Esthetic
Filament



Product Characteristics

Silky and delicate touch. The model presents four different color variations at different angles and surfaces.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	47.7	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	11.4	%
弯曲强度(Bending strength)	ISO178	2mm/min	80.7	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2745	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	3.3	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

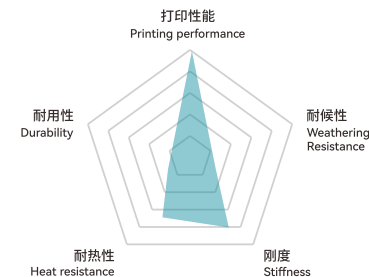
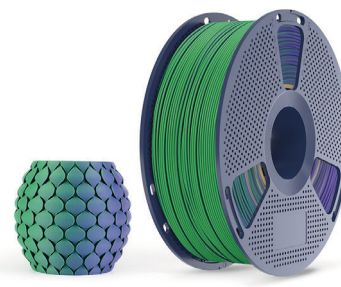
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	205-215°C : 50-100mm/s 215-230°C : 100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA(PLA Matte Dual-Color)

Esthetic
Filament



Product Characteristics

Finish

Natural and soft matte texture, different sides of the model present two colors, the color transition is natural and smooth.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	43	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	11	%
弯曲强度(Bending strength)	ISO178	2mm/min	69	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	3572	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	4.7	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

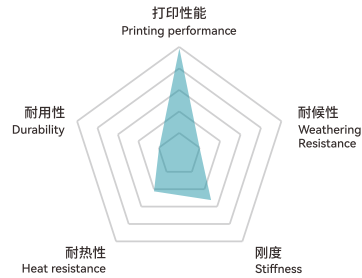
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	205-215°C : 50-100mm/s 215-245°C : 100-230mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA(PLA Galaxy)

Esthetic
Filament



Product Characteristics

Finish, Can

The idea comes from the starry Milky Way, where the same surface can be seen in different colors from different angles.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	43.3	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	16	%
弯曲强度(Bending strength)	ISO178	2mm/min	80.3	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	3273	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	3.8	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	54.6	°C

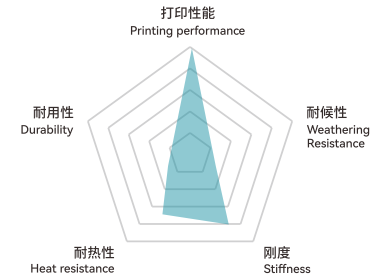
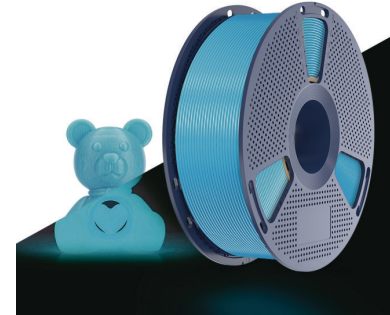
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	200-230°C : < 250mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50-60°C

PETG(PETG Glow in The Dark)

Esthetic
Filament



Product Characteristics

PETG,(
30)

PETG glow-in-the-dark can continue to glow in the dark after fully absorbing light energy (glow duration is approximately 30 minutes).

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	51	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	20	%
弯曲强度(Bending strength)	ISO178	2mm/min	79	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2380	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	2.7	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	71	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	235-245°C : 50-100mm/s 245-250°C : 100-200mm/s
打印平台温度(Print platform temperature)	70-80°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

High Speed Filament

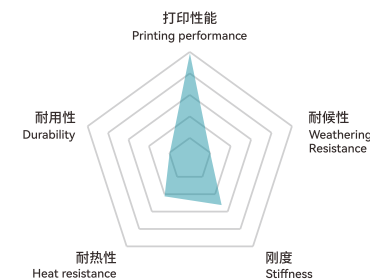
High-Speed
Filament



Printed with SUNLU High Speed PLA Marble

PLA(High Speed PLA)

High-Speed
Filament
High Speed Filament



Product Characteristics

600mm/s

Supports printing speeds of up to 600 mm/s. Its excellent fluidity ensures that the print head does not clog and that there is no shortage of material during high-speed printing.

Can Colors

Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	54	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	13	%
弯曲强度(Bending strength)	ISO178	2mm/min	75	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2357	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	5.9	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	57.3	°C

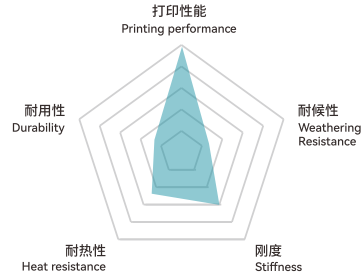
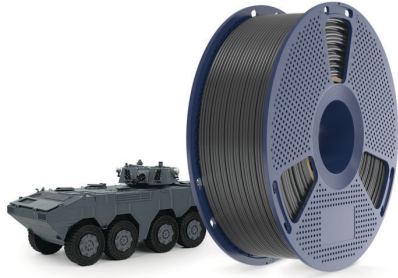
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	190-210°C:50-150mm/s ; 200-230°C:150-300mm/s ; 230-260°C:300-600mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA+(High Speed PLA+)

High-Speed
Filament
High Speed Filament



Product Characteristics

600mm/s

Highly resilient, impact-resistant, supports printing speeds of up to 600 mm/s.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	41.7	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	7.3	%
弯曲强度(Bending strength)	ISO178	2mm/min	74	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	3500	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	10.9	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	55	°C

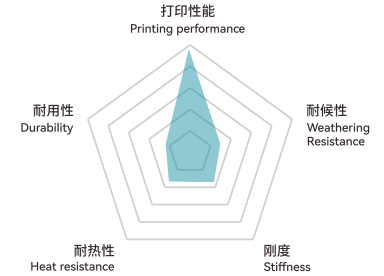
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	200-215°C:50-150mm/s;215-230°C:150-300mm/s;230-260°C:300-600mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA(High Speed PLA Marble)

High-Speed
Filament
High Speed Filament



Product Characteristics

Large, Large
600mm/s.

By adding marble effect pigments, the printed model has a marble-like texture and supports high-speed printing at up to 600 mm/s.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	41	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	80	%
弯曲强度(Bending strength)	ISO178	2mm/min	70	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	3400	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	11	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	54.8	°C

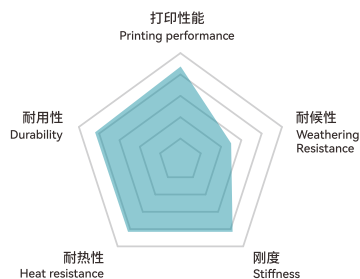
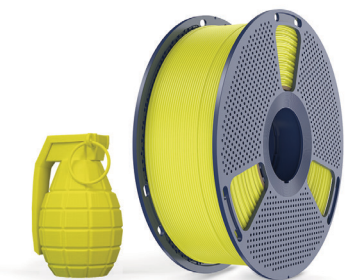
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	190-210°C:50-150mm/s;210-230°C:150-300mm/s;230-260°C:300-600mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

ABS(High Speed ABS)

High-Speed
Filament
High Speed Filament



Product Characteristics

350mm/s

Rapid prototyping, high strength, and excellent surface quality, supporting printing speeds of up to 350 mm/s without warping or cracking.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	35	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	12	%
弯曲强度(Bending strength)	ISO178	2mm/min	55	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2100	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	10	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	91	°C

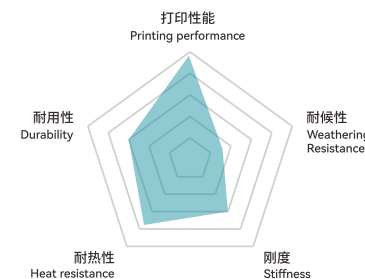
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	260-280°C : 50-300mm/s 280-290°C : 300-350mm/s
打印平台温度(Print platform temperature)	90-100°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PETG(High Speed Matte PETG)

High-Speed
Filament
High Speed Filament



Product Characteristics

PETG,600mm/s

Matte PETG, supports printing speeds of up to 600 mm/s

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	48	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	33	%
弯曲强度(Bending strength)	ISO178	2mm/min	78	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2700	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	4.1	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	70	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	230-240°C:50-100mm/s;240-255°C:100-300mm/s;255-270°C:300-600mm/s
打印平台温度(Print platform temperature)	60-70°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

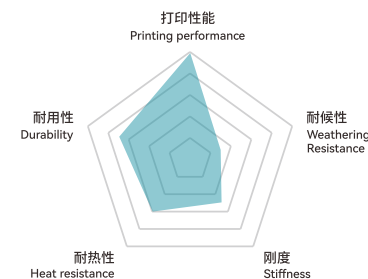
Functional Filament

Functional
Filament

Printed with SUNLU TPU 95A

PLA Meta

Functional
Filament



Product Characteristics

Supports low-temperature rapid printing, strong fluidity, good impact resistance, and resistance to dropping and smashing.

Can Colors

Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	53	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	30	%
弯曲强度(Bending strength)	ISO178	2mm/min	85	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2500	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	9.1	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	57.2	°C

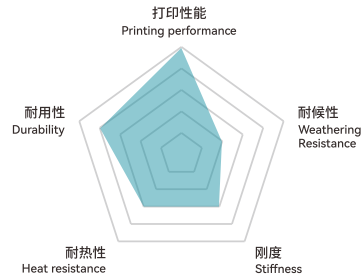
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	185-195°C:50-100mm/s 195-225°C:100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PLA(PLA Carbon Fiber)

Functional
Filament



Product Characteristics

15%.

Contains 15% carbon fiber. It is lightweight but has excellent strength, making printed parts more durable.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	44.8	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	3530	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	4.1	%
弯曲强度(Bending strength)	ISO178	2mm/min	64	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2432	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	4.1	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	53	°C

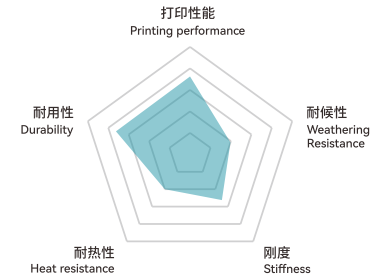
Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	215-225°C : 50-100mm/s 225-245°C : 100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

PETG(PETG Carbon Fiber)

Functional
Filament



Product Characteristics

10%

Contains 10% short fiber content, combining high strength and high toughness to ensure that printed parts are impact-resistant, durable, and sturdy.

Can Colors Available Colors

Basic Colors



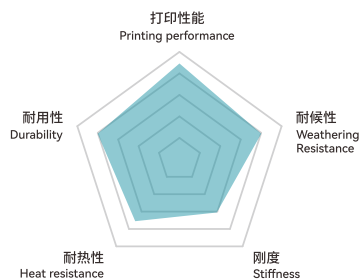
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	35	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	30	%
弯曲强度(Bending strength)	ISO178	2mm/min	55	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2700	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	20	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	70	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	240-250°C:50-100mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C



Product Characteristics

Suitable for printing outdoor scenes, this material has excellent weather resistance and can effectively resist ultraviolet rays, rain, and high temperatures.

Can Colors Available Colors

Basic Colors



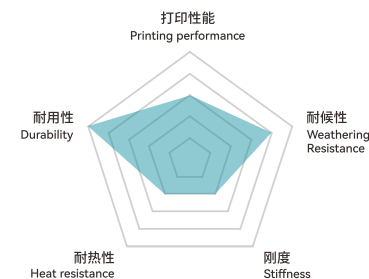
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	52	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	20	%
弯曲强度(Bending strength)	ISO178	2mm/min	73	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2144	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	18	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	96	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	250-260°C: 50-100mm/s 260-280°C: 100-200mm/s
打印平台温度(Print platform temperature)	80-100°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	80°C



Product Characteristics

90A, 99.9%

With a Shore hardness of 90A, it has 99.9% effective antibacterial and anti-mold properties, is suitable for high-temperature and humid environments, and is not prone to hardening or brittleness, significantly extending the product's service life. It is suitable for use in shoe printing.

Can Colors Available Colors

Basic Colors



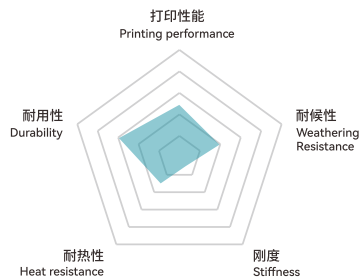
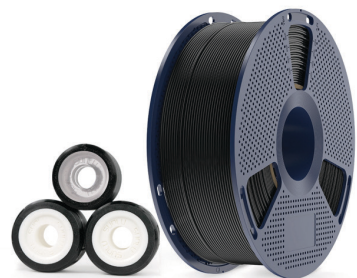
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	30	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	≥1000	%
弯曲强度(Bending strength)	ISO178	2mm/min	/	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	/	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	/	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	36	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	220-240°C : ≤40mm/s
打印平台温度(Print platform temperature)	30-60°C
回抽距离(Retract distance)	0.8mm
回抽速度(Retract speed)	≤40mm/s
烘干温度(Drying temperature)	60-70°C



Product Characteristics

95A

With a Shore hardness of 95A, it has high resilience and softness, providing a smooth surface and good wear resistance.

Can Colors Available Colors

Basic Colors



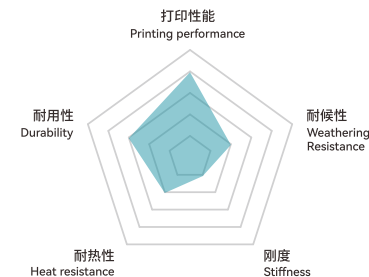
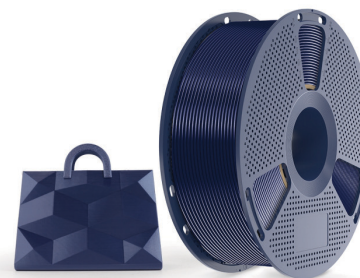
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	34.4	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	50.2	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	1063	%
弯曲强度(Bending strength)	ISO178	2mm/min	4.26	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	87.6	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	不破坏	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	52	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	190-210°C:50-80mm/s 210-230°C:80-120mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C



Product Characteristics

TPU,98A
TPU 95A.

Combining a silky surface finish with the flexibility of TPU, it has a hardness of 98A, making it easier to print than TPU 95A.

Can Colors Available Colors

Basic Colors



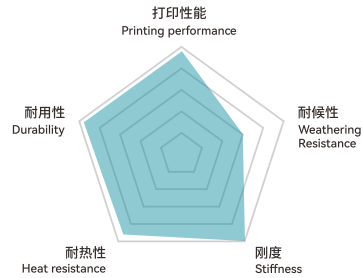
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	33	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	1397	%
弯曲强度(Bending strength)	ISO178	2mm/min	/	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	/	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	52.6	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	/	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	210-220°C:50-100mm/s 220-240°C:100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C



Product Characteristics

V0, ...

V-0 Flame Retardant Rating, Excellent Impact Resistance and Drop Durability, Minimal Warping and No Cracking

Can Colors Available Colors

Basic Colors



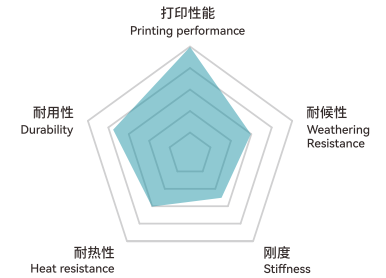
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	33	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	10	%
弯曲强度(Bending strength)	ISO178	2mm/min	54	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2154	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	13	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	84	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	240-250°C : 50-100mm/s 250-260°C : 100-200mm/s
打印平台温度(Print platform temperature)	80-100°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C



Product Characteristics

3D.

Low-density and lightweight; easy-printing performance; matte-textured surface with enhanced paint adhesion; engineered for aerospace-grade RC 3D printing.

Can Colors Available Colors

Basic Colors



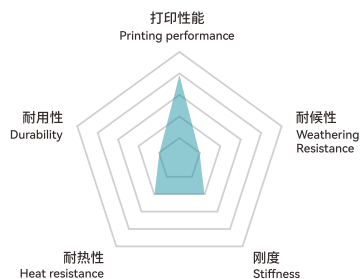
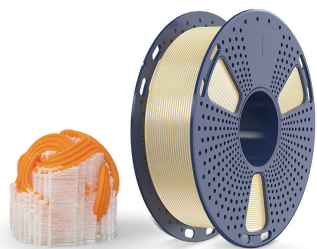
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	25	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	3100	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	22	%
弯曲强度(Bending strength)	ISO178	2mm/min	45	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	3550	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	3	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	52.5	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	190-210°C : 30-50mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	50°C



Product Characteristics

Water-soluble support material

Can Colors Available Colors

Transparent Colors



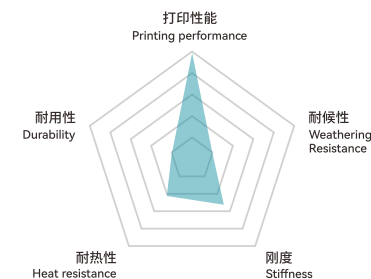
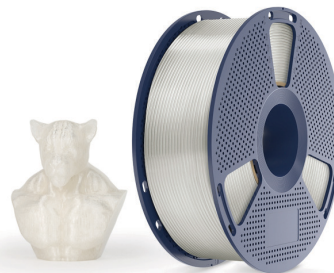
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	23	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	215	%
弯曲强度(Bending strength)	ISO178	2mm/min	/	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	/	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	/	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	55	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	200-210°C : 50-100mm/s 210-230°C : 100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	/
回抽速度(Retract speed)	/
烘干温度(Drying temperature)	/



Product Characteristics

Polishing can be done with alcohol and isopropyl alcohol. After polishing, the surface of the work is smooth and textureless, presenting a ceramic-like texture.

Can Colors Available Colors

Basic Colors



CMYK Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	56	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	25	%
弯曲强度(Bending strength)	ISO178	2mm/min	66	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2164	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	3.7	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	54.5	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	200-210°C : 50-100mm/s 210-230°C : 100-200mm/s
打印平台温度(Print platform temperature)	50-60°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	50°C

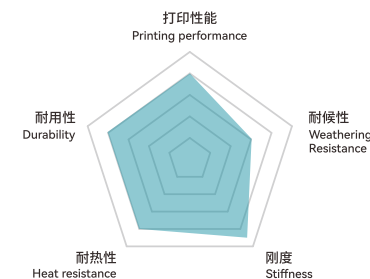
Engineering Filament



Printed with SUNLU Easy PA

6+66(Easy PA)

Engineering Filament



Product Characteristics

Easy PA6/66

Easy PA is a material developed based on nylon 6/66 copolymer, featuring excellent strength and impact resistance, and is crack- and warp-free.

Can Colors Available Colors

Basic Colors



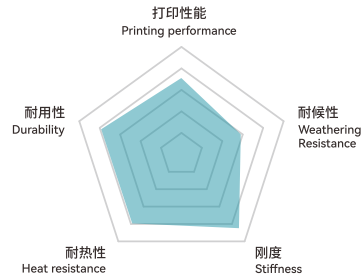
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	75	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	1790	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	32	%
弯曲强度(Bending strength)	ISO178	2mm/min	98	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2350	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	6.5	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	121	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	250-270°C:50-100mm/s 270-280°C:100-150mm/s
打印平台温度(Print platform temperature)	30-50°C
回抽距离(Retraction distance)	0.8-1.2mm
回抽速度(Retraction speed)	30-40mm/s
烘干温度(Drying temperature)	80-110°C



Product Characteristics

3D,20%
209°C.

An enhanced 3D printing material containing 20% short carbon fibers, which is lightweight yet maintains high strength, with a heat distortion temperature of up to 209°C.

Can Colors Available Colors

Basic Colors



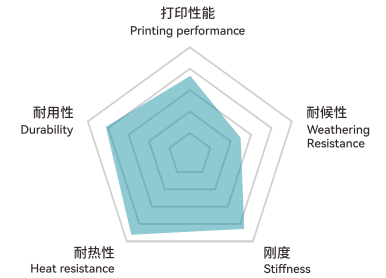
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	170	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	10	%
弯曲强度(Bending strength)	ISO178	2mm/min	245	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	11000	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	9.7	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	209	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	270-290°C : 50-100mm/s
打印平台温度(Print platform temperature)	50-70°C
回抽距离(Retract distance)	0.8-1mm
回抽速度(Retract speed)	30mm/s
烘干温度(Drying temperature)	80-110°C



Product Characteristics

25%,205°C

Contains 25% glass fiber; HDT(Heat Deflection Temperature) 205°C; high strength/toughness; low shrinkage/warp-age with no cracking.

Can Colors Available Colors

Basic Colors



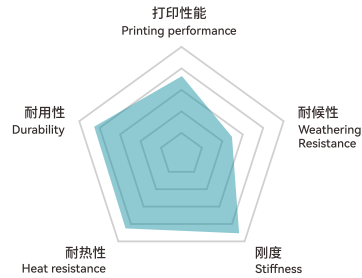
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	120	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	16	%
弯曲强度(Bending strength)	ISO178	2mm/min	183	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	6238	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	7.7	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	205	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	270-290°C : <130mm/s
打印平台温度(Print platform temperature)	60-70°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30mm/s
烘干温度(Drying temperature)	80-110°C



Product Characteristics

20%
175°C.

Contains 20% short carbon fibers, reinforced with carbon fibers, resulting in lower density, lighter weight, high impact resistance, low water absorption, high precision, and a heat distortion temperature of up to 175°C.

Can Colors Available Colors

Basic Colors



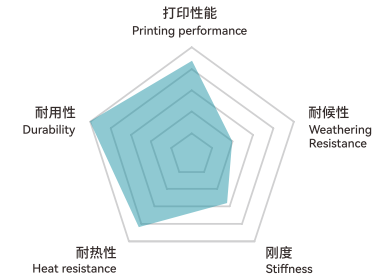
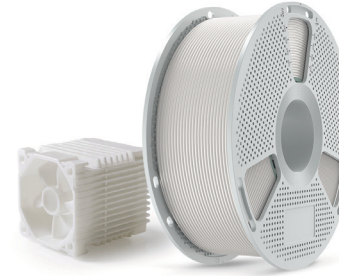
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	100	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	12	%
弯曲强度(Bending strength)	ISO178	2mm/min	163	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	5996	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	13	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	176	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	260-280°C : 50-100mm/s
打印平台温度(Print platform temperature)	60-70°C
回抽距离(Retract distance)	0.8-1mm
回抽速度(Retract speed)	30mm/s
烘干温度(Drying temperature)	80-110°C



Product Characteristics

PC is a high-performance engineering filament renowned for its outstanding mechanical properties. It offers exceptional impact resistance and high-temperature tolerance, making it ideal for producing high-durability parts and prototypes in demanding applications.

Can Colors Available Colors

Basic Colors



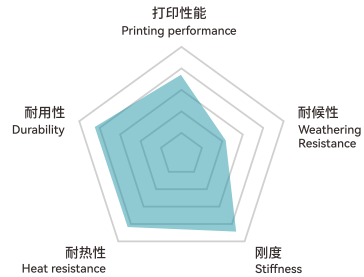
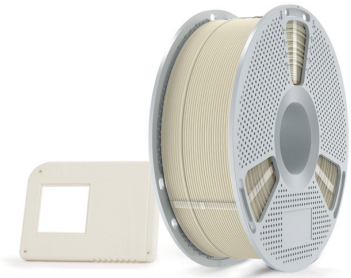
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	50	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	25	%
弯曲强度(Bending strength)	ISO178	2mm/min	77	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2050	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	35	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	101	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	260-280°C : ≤150mm/s
打印平台温度(Print platform temperature)	100-110°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	70-80°C



Product Characteristics

PCABS

A polymer alloy material composed of PC and ABS, the surface of the model can be subjected to secondary processing, such as electroplating and spray painting.

Can Colors Available Colors

Basic Colors



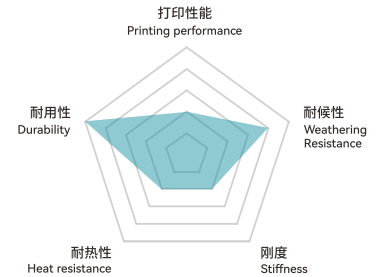
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	40	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	8	%
弯曲强度(Bending strength)	ISO178	2mm/min	70	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	2300	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	70	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	102	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	260-280°C: ≤230mm/s
打印平台温度(Print platform temperature)	100-110°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	70-80°C



Product Characteristics

Low, , High

A soft material that is low density, lightweight, chemically resistant, and highly resilient, meeting food contact safety standards and safe for use in food-related products.

Can Colors Available Colors

Basic Colors



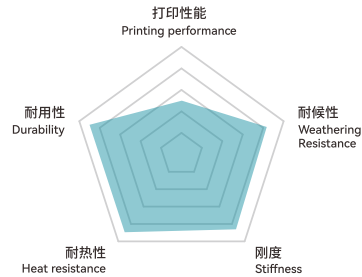
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	20.5	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	977.5	%
弯曲强度(Bending strength)	ISO178	2mm/min	17.3	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	/	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	6.2	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	54	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	210-230°C: ≤30mm/s
打印平台温度(Print platform temperature)	50-60°C(3MPP)
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	0
烘干温度(Drying temperature)	50°C



Product Characteristics

V0

High-performance specialty engineering plastics, hailed as “the pinnacle of plastics,” are characterized by high strength and toughness, V0-level flame retardancy, excellent chemical resistance, and self-lubricating properties. They are specifically designed for use in applications with stringent environmental requirements.

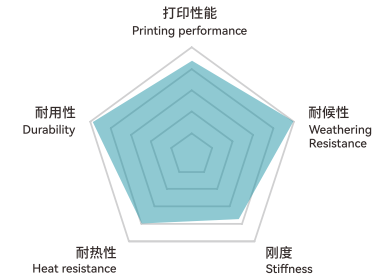
Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	77	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	/	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	21	%
弯曲强度(Bending strength)	ISO178	2mm/min	122	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	3163	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	138	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	147	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	390°C : 30mm/s 420°C : 60mm/s
打印平台温度(Print platform temperature)	110-120°C
回抽距离(Retract distance)	1-1.5mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	110-140°C for 4-6 hours



Product Characteristics

ABS10%,
30%,

10% glass fiber is added to ABS to improve the stability of the material. Its overall strength is improved by 30%, which can meet the requirements of out-of-the-box printing.

Can Colors Available Colors

Basic Colors



Mechanical Properties

项目 Project	测试方法 Test methods	测试条件 Test conditions	典型值 Typical value	单位 Unit
拉伸强度(Tensile strength)	ISO527/2	50mm/min	54	MPa
杨氏模量(Young's modulus)	ISO527/2	1mm/min	2095	MPa
断裂伸长率(Elongation at break)	ISO527/2	50mm/min	10	%
弯曲强度(Bending strength)	ISO178	2mm/min	90	MPa
弯曲模量(Flexural modulus)	ISO178	2mm/min	3490	MPa
悬臂梁缺口冲击强度 Izod notched impact strength	ISO180	23°C	6.7	KJ/m ²
热变形温度(HDT)	ISO75	0.45MPa	104	°C

Specifications

Recommended Printing Parameters

参数 Parameters	典型值 Typical value
喷嘴打印温度(Nozzle print temperature)	260-280°C : 50-300mm/s
打印平台温度(Print platform temperature)	90-100°C
回抽距离(Retract distance)	0.8-1.2mm
回抽速度(Retract speed)	30-40mm/s
烘干温度(Drying temperature)	80°C

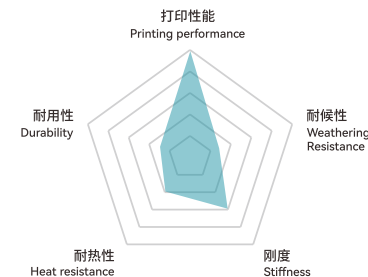
General Resin



Printed with SUNLU ABS-Like Resin

(Standard Resin)

General Resin



Product Characteristics

Suitable for beginners and figurine printing, with good fluidity and easy molding.

Can Colors

Available Colors

Basic Colors



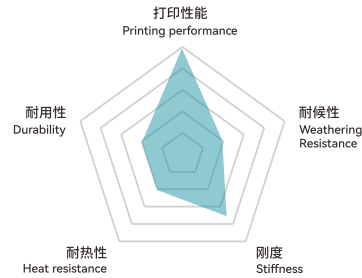
Specifications

Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
Bottom layer count	5-10(5-10 layers)
Bottom layer exposure time	20- 70s;10- 50s RGB LCD Screen 20-70s; Monochrome LCD Screen 10-60s
Layer exposure time	4-15s;1.5-3.5s RGB LCD Screen 4-15s; Monochrome LCD Screen 1.5-3.5s
High Lifting height	6-10 mm(78.10 10) 0-10mm/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off delay S	0.5-1s

Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.2156±0.03g/cm³
Volumetric shrinkage	8.9%
Shore hardness	86D
Coefficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	52°C
@5% TGA Decomposition temperature @5%TGA	345.25°C
ISO 75 @0.45MPa Heat deflection temperature ISO 75@0.45MPa	55°C
ISO 527 Tensile strength ISO527	45 MPa
ISO 527 Young's modulus ISO527	1280 MPa
ISO 527 Elongation at break ISO527	13.5%
ISO 178 Flexural strength ISO 178	57 MPa
ISO 178 Flexural Modulus ISO 178	1478 MPa
ISO 179 Izod notched impact strength ISO 179	40 J/m



Product Characteristics

High

Based on the optimization of rigid photosensitive resin, it has higher precision and better toughness, making it an excellent material choice for printing complex models and splicing parts.

Specifications

Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	5-10(5-10 layers)
Bottom layer exposure time	30- 80s;20- 60s RGB LCD Screen 30-80s; Monochrome LCD Screen 20-60s
Layer exposure time	4-15s;1.5-3s RGB LCD Screen 4-15s; Monochrome LCD Screen 1.5-3s
High Lifting height	6-10 mm(78.10 10) 6-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Can Colors

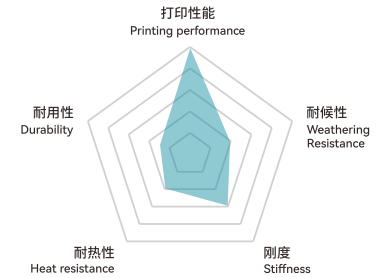
Available Colors

Basic Colors



Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.18±0.02g/cm³
Volumetric shrinkage	9%
Shore hardness	84D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	46°C
@5% TGA Decomposition temperature @5%TGA	345.52°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	52°C
ISO 527 tensile strength ISO527	31 MPa
ISO 527 Elongation at break ISO527	15%
ISO 178 Flexural strength ISO 178	35 MPa
ISO 178 Flexural Modulus ISO 178	1225 MPa
ISO 179 Izod notched impact strength ISO 179	38 J/m



Product Characteristics

Can

Highly hydrophilic, allowing for cleaning after printing with plain water, resulting in excellent cleaning results that are both economical and environmentally friendly.

Specifications

Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
Bottom layer count	5-10(5-10 layers)
Bottom layer exposure time	20- 80s;10- 60s RGB LCD Screen 20-80s; Monochrome LCD Screen 10-60s
Layer exposure time	4-15s;2-4s RGB LCD Screen 4-15s; Monochrome LCD Screen 2-4s
High Lifting height	6-10 mm(78.10 10) 6-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Can Colors

Available Colors

Basic Colors

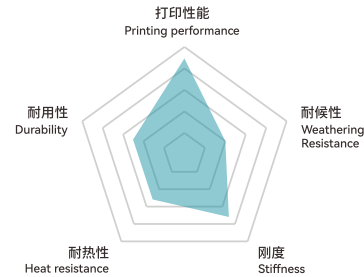


Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.2200±0.02g/cm³
Volumetric shrinkage	9%
Shore hardness	80D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	45°C
@5% TGA Decomposition temperature @5%TGA	300°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	50°C
ISO 527 tensile strength ISO527	25 MPa
ISO 527 Elongation at break ISO527	10%
ISO 178 Flexural strength ISO 178	35 MPa
ISO 178 Flexural Modulus ISO 178	985 MPa
ISO 179 Izod notched impact strength ISO 179	40 J/m

ABS(ABS -Like Resin)

General Resin



Product Characteristics

Good resilience, the model is resistant to falls.

Can Colors Available Colors

Basic Colors



Specifications

Recommended Printing Parameters

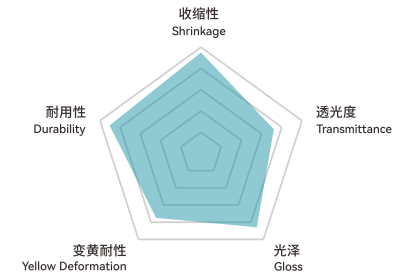
Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	5-10(5-10 layers)
bottom layer exposure time	20- 80s;10- 60s RGB LCD Screen 20-80s; Monochrome LCD Screen 10-60s
Layer exposure time	4-15s;1.5-3s RGB LCD Screen 4-15s; Monochrome LCD Screen 1.5-3s
High Lifting height	6-10 mm(78.10 10) 6-10mm(1/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.19±0.03g/cm³
Volumetric shrinkage	8%
Shore hardness	80D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	44°C
@5% TGA Decomposition temperature @5%TGA	338.33°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	50°C
ISO 527 tensile strength ISO527	28 MPa
ISO 527 Elongation at break ISO527	25%
ISO 178 Flexural strength ISO 178	36 MPa
ISO 178 Flexural Modulus ISO 178	980 MPa
ISO 179 Izod notched impact strength ISO 179	70 J/m

AB(AB Epoxy Resin)

General Resin



Product Characteristics

24

High-performance two-component epoxy resin adhesive, fast curing in 24 hours, high transparency, excellent anti-yellowing performance.

Can Colors Available Colors

Basic Colors



Specifications

Recommended Printing Parameters

Project	Numerical Value
A:B Ratio:A:B	1: (0.5-1)
Liquid density(mPa.s)	600-1000
A A Resin density(mPa.s)	1400-2000
B B Resin density(mPa.s)	200-350

Performance After Printing And Curing

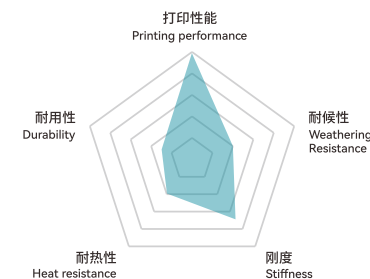
Project	Numerical Value
Shore hardness	74D
Volumetric shrinkage	2%
Solid density	1.145g/cm³
Storage condition	0°C-40°C

Esthetic Resin

Printed with SUNLU High Clear Resin

(High Clear Resin)

Esthetic Resin



Product Characteristics

Excellent resistance to yellowing and blueing, high transparency, and glass-like transparency.

Can Colors

Available Colors

Transparent Colors



Specifications

Recommended Printing Parameters

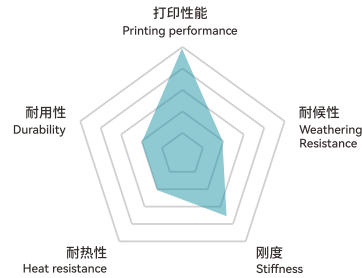
Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
Bottom layer count	5-10(5-10 layers)
Bottom layer exposure time	30-80s;10-50s RGB LCD Screen 30-80s; Monochrome LCD Screen 10-60s
Layer exposure time	8-20s;4-7s RGB LCD Screen 8-20s; Monochrome LCD Screen 4-7s
High Lifting height	6-10 mm(78.10 10) 0-10mm(1/4 inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off delay S	0.5-1s

Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.2264-0.03g/cm³
Volumetric shrinkage	8%
Shore hardness	80D
Coefficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	43°C
@5% TGA Decomposition temperature @5%TGA	345.52°C
ISO 75 @0.45MPa Heat deflection temperature ISO 75@0.45MPa	42°C
ISO 527 Young's modulus ISO527	28 MPa
ISO 527 Tensile strength ISO527	884 MPa
ISO 527 Elongation at break ISO527	16%
ISO 178 Flexural strength ISO 178	30 MPa
ISO 178 Flexural Modulus ISO 178	776.5 MPa
ISO 179 Izod notched impact strength ISO 179	76J/m

(Glow In The Dark Resin)

Esthetic Resin



Product Characteristics

15%
6.

Contains 15% phosphorescent powder, which absorbs ultraviolet rays or other light sources to emit maximum brightness for up to 6 hours.

Specifications

Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	5-10(5-10 layers)
bottom layer exposure time	40-100s;20- 80s RGB LCD Screen 40-100s; Monochrome LCD Screen 20-80s
Layer exposure time	6-15s;2-3.5s RGB LCD Screen 6-15s; Monochrome LCD Screen 2-3.5s
High Lifting height	6-10 mm(78.10 10) 6-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Can Colors Available Colors

Basic Colors

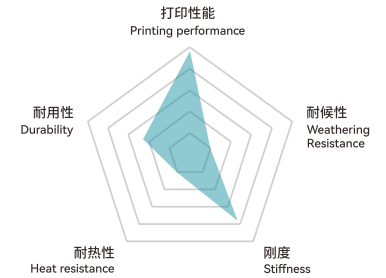


Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.2256±0.02g/cm ³
Volumetric shrinkage	9%
Shore hardness	86D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	50°C
@5% TGA Decomposition temperature @5%TGA	352°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	52°C
ISO 527 tensile strength ISO527	36 MPa
ISO 527 Elongation at break ISO527	12%
ISO 178 Flexural strength ISO 178	53 MPa
ISO 178 Flexural Modulus ISO 178	1573 MPa
ISO 179 Izod notched impact strength ISO 179	46 J/m

CMYK+W(CMYK+W Color Resin)

Esthetic Resin



Product Characteristics

High, Can Colors

.

High color saturation and wide, versatile shade range. Freely mix different colors in any ratio, all printable with a single parameter setting without any loss in performance. Fresh and non-pungent scent.

Specifications

Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	5-10(5-10 layers)
bottom layer exposure time	20- 80s;10- 60s RGB LCD Screen 20-80s; Monochrome LCD Screen 10-60s
Layer exposure time	4-15s;1.5-3.5s RGB LCD Screen 4-15s; Monochrome LCD Screen 1.5-3.5s
High Lifting height	6-10 mm(78.10 10) 6-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Can Colors Available Colors

Basic Colors



Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.2231±0.03g/cm ³
Volumetric shrinkage	8%
Shore hardness	80D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	45°C
@5% TGA Decomposition temperature @5%TGA	338.55°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	50°C
ISO 527 tensile strength ISO527	30 MPa
ISO 527 Elongation at break ISO527	27%
ISO 178 Flexural strength ISO 178	40 MPa
ISO 178 Flexural Modulus ISO 178	1050 MPa
ISO 179 Izod notched impact strength ISO 179	75 J/m

High Precision Resin

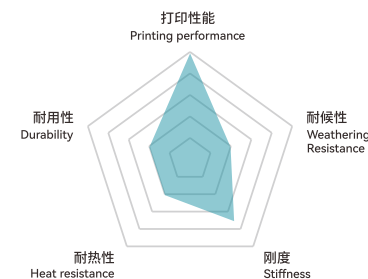
High



Printed with SUNLU 14K Standard Resin

14k(14K Standard Resin)

High
High Precision Resin



Product Characteristics

14K,,

14K high-precision visual senses, delicate model details, and a matte surface for a more textured feel.

Can Colors

Available Colors

Basic Colors



Wood Colors



Specifications

Recommended Printing Parameters

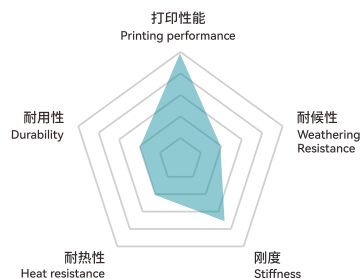
Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
Bottom layer count	5-10(5-10 layers)
Bottom layer exposure time	40- 100s;20- 80s KGB LCD Screen 40-100s; Monochrome LCD Screen 20-80s
Layer exposure time	6-15s;2-3.5s KGB LLU Screen 6-15s; Monochrome LCD Screen 2-3.5s
High Lifting height	6-10 mm(78.10 10) 6-10mm, / inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/ascending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.18-0.02g/cm³
Volumetric shrinkage	8%
Shore hardness	84D
Coefficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	50°C
@5% TGA Decomposition temperature @5%TGA	352°C
ISO 75 @0.45MPa Heat deflection temperature ISO 75@0.45MPa	53°C
ISO 527 Tensile strength ISO527	35 MPa
ISO 527 Elongation at break ISO527	10%
ISO 178 Flexural strength ISO 178	40 MPa
ISO 178 Flexural Modulus ISO 178	1224 MPa
ISO 179 Izod notched impact strength ISO 179	30 J/m

14K(14K Red Wax Resin)

High
High Precision Resin



Product Characteristics

14K

The red wax appearance gives the model a powerful visual impact, and the high precision of 14K can reproduce the details of the model to the greatest extent.

Specifications

Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	3-5(3-5 layers)
bottom layer exposure time	40- 100s;30- 80s RGB LCD Screen 40-100s; Monochrome LCD Screen 30-80s
Layer exposure time	6-15s;2-3.5s RGB LCD Screen 6-15s; Monochrome LCD Screen 2-3.5s
High Lifting height	6-10 mm(78.10 10) 6-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Can Colors Available Colors

Basic Colors

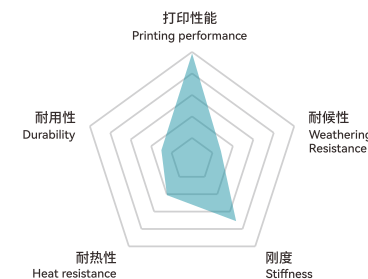


Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.18±0.02g/cm³
Volumetric shrinkage	8%
Shore hardness	84D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	50°C
@5% TGA Decomposition temperature @5%TGA	352°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	53°C
ISO 527 tensile strength ISO527	40 MPa
ISO 527 Elongation at break ISO527	15%
ISO 178 Flexural strength ISO 178	45 MPa
ISO 178 Flexural Modulus ISO 178	1909 MPa
ISO 179 Izod notched impact strength ISO 179	30 J/m

14K(14K Wtaer-Wash Standard Resin)

High
High Precision Resin



Product Characteristics

14K

It retains excellent hydrophilicity and can be easily washed with water, while also offering 14K high-precision printing results.

Specifications

Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	5-10(5-10 layers)
bottom layer exposure time	20- 70s;10- 50s RGB LCD Screen 20-70s; Monochrome LCD Screen 10-50s
Layer exposure time	4-15s;1.5-3.5s RGB LCD Screen 4-15s; Monochrome LCD Screen 1.5-3.5s
High Lifting height	6-10 mm(78.10 10) 6-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Can Colors Available Colors

Basic Colors

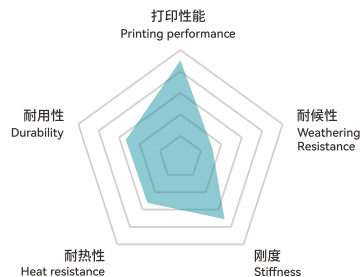


Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.2264±0.03g/cm³
Volumetric shrinkage	8%
Shore hardness	80D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	45°C
@5% TGA Decomposition temperature @5%TGA	345.25°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	50°C
ISO 527 tensile strength ISO527	30MPa
ISO 527 Elongation at break ISO527	15%
ISO 178 Flexural strength ISO 178	50 MPa
ISO 178 Flexural Modulus ISO 178	1046 MPa
ISO 179 Izod notched impact strength ISO 179	80 J/m

ABS 14K(14K ABS-Like Resin)

High
High Precision Resin



Product Characteristics

14K

An excellent material that combines 14K precision with excellent properties such as resilience and stretchability.

Specifications

Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	5-10(5-10 layers)
bottom layer exposure time	20- 70s;10- 50s RGB LCD Screen 20-70s; Monochrome LCD Screen 10-50s
Layer exposure time	4-15s;1.5-3.5s RGB LCD Screen 4-15s; Monochrome LCD Screen 1.5-3.5s
High Lifting height	6-10 mm(78.10 10) 6-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Can Colors

Available Colors

Basic Colors

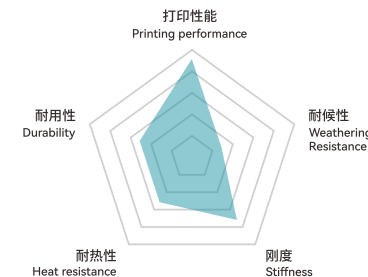


Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.2264±0.03g/cm³
Volumetric shrinkage	8%
Shore hardness	80D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	45°C
@5% TGA Decomposition temperature @5%TGA	345.25°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	50°C
ISO 527 tensile strength ISO527	28 MPa
ISO 527 Elongation at break ISO527	25%
ISO 178 Flexural strength ISO 178	35 MPa
ISO 178 Flexural Modulus ISO 178	1046 MPa
ISO 179 Izod notched impact strength ISO 179	82 J/m

ABS14K(14K Water-Wash ABS Like Resin)

High
High Precision Resin



Product Characteristics

14K

14K high precision, high strength, high wear resistance, high toughness, and good hydrophilicity allow you to say goodbye to traditional solvent cleaning.

Specifications

Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	5-10(5-10 layers)
bottom layer exposure time	30-80s;10- 50s RGB LCD Screen 30-80s; Monochrome LCD Screen10-50s
Layer exposure time	4-15s;1.5-3.5s RGB LCD Screen 4-15s; Monochrome LCD Screen 1.5-3.5s
High Lifting height	6-10 mm(78.10 10) 6-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Can Colors

Available Colors

Basic Colors



Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.229±0.03g/cm³
Volumetric shrinkage	9%
Shore hardness	75D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	43°C
@5% TGA Decomposition temperature @5%TGA	345.52°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	49°C
ISO 527 tensile strength ISO527	26 MPa
ISO 527 Elongation at break ISO527	22%
ISO 178 Flexural strength ISO 178	24 MPa
ISO 178 Flexural Modulus ISO 178	985 MPa
ISO 179 Izod notched impact strength ISO 179	63 J/m

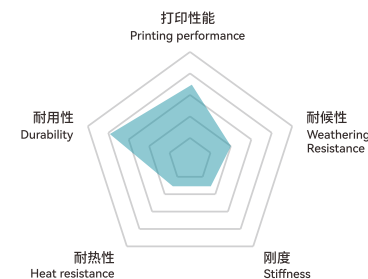
Functional Resin



Printed with SUNLU Water-Wash ABS Resin

(Toughness Resin)

Functional Resin



Product Characteristics

Extremely resilient, the model cannot be broken.

Can Colors

Available Colors

Basic Colors



Specifications

Recommended Printing Parameters

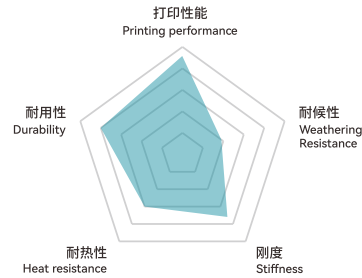
Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
Bottom layer count	5-10(5-10 layers)
Bottom layer exposure time	20-80s;10- 60s KGB LCD Screen 20-80s; Monochrome LCD Screen 10-60s
Layer exposure time	4-15s;1.5-4s KGB LCD Screen 4-15s; Monochrome LCD Screen 1.5-4s
High Lifting height	6-10 mm(78.10 10) 0-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/ascending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.21±0.03g/cm³
Volumetric shrinkage	8%
Shore hardness	72D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	40°C
@5% TGA Decomposition temperature @5%TGA	236°C
ISO 75 @0.45MPa Heat deflection temperature ISO 75@0.45MPa	45°C
ISO 527 Tensile strength ISO527	20 MPa
ISO 527 Elongation at break ISO527	50%
ISO 178 Flexural strength ISO 178	20 MPa
ISO 178 Flexural Modulus ISO 178	829 MPa
ISO 179 Izod notched impact strength ISO 179	120 J/m

PA(Nylon-Like Resin)

Functional Resin



Product Characteristics

A resin with low odor, low shrinkage, and comprehensive properties such as tensile strength, bending strength, and toughness.

Can Colors Available Colors

Basic Colors



Specifications

Recommended Printing Parameters

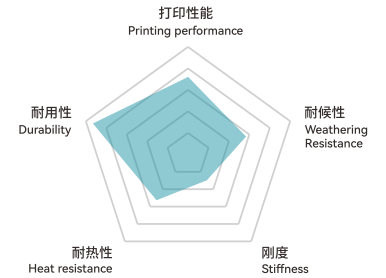
Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	5-10(5-10 layers)
bottom layer exposure time	20-80s;10- 60s RGB LCD Screen 20-80s; Monochrome LCD Screen 10-60s
Layer exposure time	4-15s;2-4s RGB LCD Screen 4-15s; Monochrome LCD Screen 2-4s
High Lifting height	6-10 mm(78.10 10) 6-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.18±0.02g/cm³
Volumetric shrinkage	8%
Shore hardness	83D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	43°C
@5% TGA Decomposition temperature @5%TGA	308.16°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	50°C
ISO 527 tensile strength ISO527	32 MPa
ISO 527 Elongation at break ISO527	30%
ISO 178 Flexural strength ISO 178	40 MPa
ISO 178 Flexural Modulus ISO 178	1020 MPa
ISO 179 Izod notched impact strength ISO 179	80 J/m

(Flexible Resin)

Functional Resin



Product Characteristics

70A

Excellent flexibility, Shore hardness ≤70A, with outstanding tear strength and elongation at break.

Can Colors Available Colors

Basic Colors



Specifications

Recommended Printing Parameters

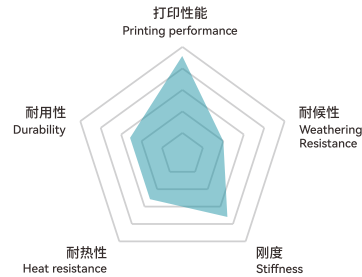
Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	5-10(5-10 layers)
bottom layer exposure time	30-120s;25- 100s RGB LCD Screen 30-80s; Monochrome LCD Screen 10-50s
Layer exposure time	8-30s;5-10s RGB LCD Screen 8-30s; Monochrome LCD Screen 5-10s
High Lifting height	8-12 mm(78.10 10) (/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	60-90 mm/min
Light Light-off Delay S	1-2s

Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.1598±0.03g/cm³
Volumetric shrinkage	7.38%
Shore hardness	70A
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	/
@5% TGA Decomposition temperature @5%TGA	/
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	/
ISO 527 tensile strength ISO527	4MPa
ISO 527 Elongation at break ISO527	130%
ISO 178 Flexural strength ISO 178	/
ISO 178 Flexural Modulus ISO 178	/
ISO 179 Izod notched impact strength ISO 179	/

ABS(Water-Wash ABS Resin)

Functional Resin



Product Characteristics

ABS.

Water-washable ABS-like photosensitive resin.

Can Colors Available Colors

Basic Colors



Specifications

Recommended Printing Parameters

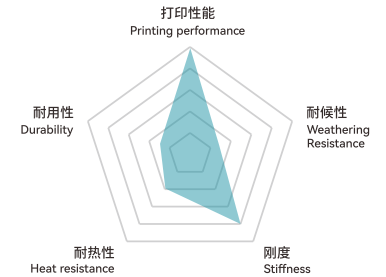
Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	5-10(5-10 layers)
bottom layer exposure time	30-80s;10- 50s RGB LCD Screen 30-80s; Monochrome LCD Screen 10-50s
Layer exposure time	4-15s;1.3-3s RGB LCD Screen 4-15s; Monochrome LCD Screen 1.3-3s
High Lifting height	6-10 mm(78.10 10) 6-10mm/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.21±0.03g/cm³
Volumetric shrinkage	9%
Shore hardness	80D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	43°C
@5% TGA Decomposition temperature @5%TGA	345.52°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	47°C
ISO 527 tensile strength ISO527	25 MPa
ISO 527 Elongation at break ISO527	20%
ISO 178 Flexural strength ISO 178	35 MPa
ISO 178 Flexural Modulus ISO 178	776.5 MPa
ISO 179 Izod notched impact strength ISO 179	46 J/m

(High Speed Standard Resin)

Functional Resin



Product Characteristics

3,...

Compared with conventional resin printing, the speed is increased by 3 times, with low viscosity and excellent fluidity.

Can Colors Available Colors

Basic Colors



Specifications

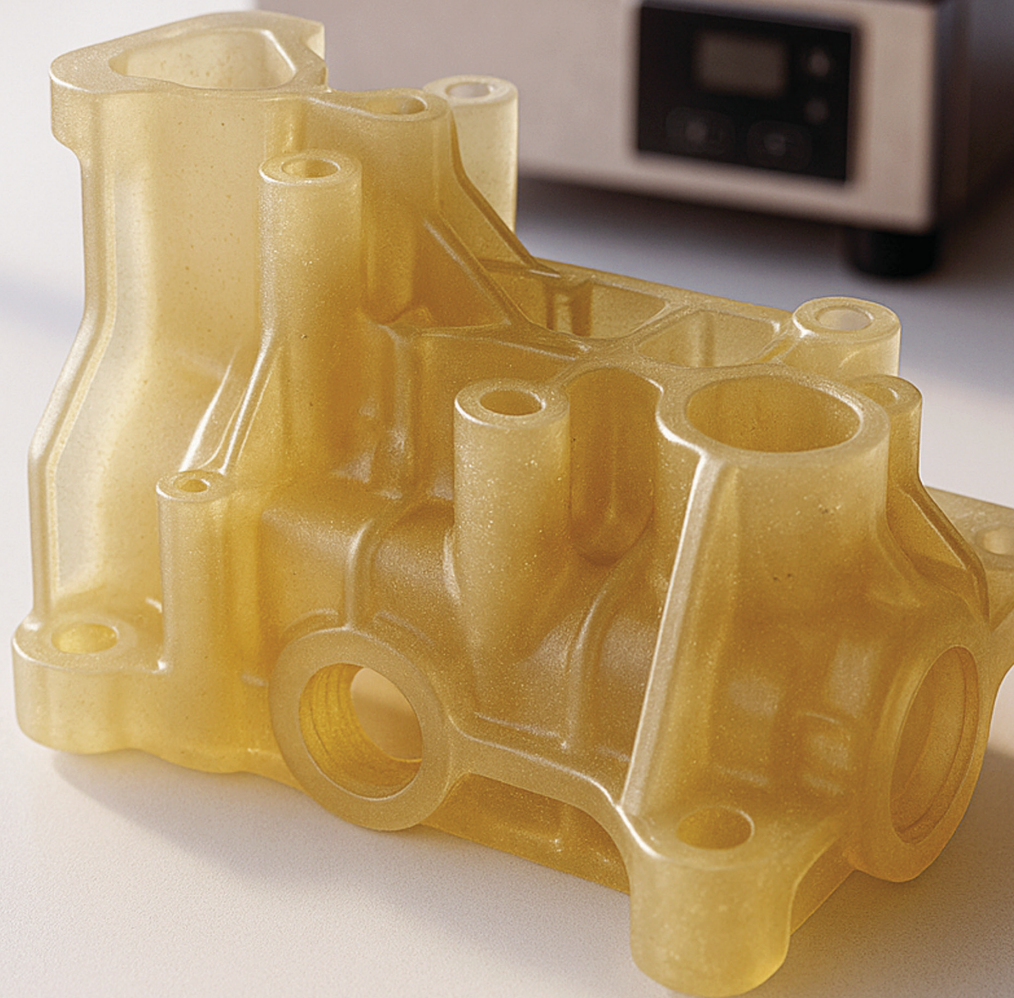
Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.1 mm
bottom layer count	5-10(5-10 layers)
bottom layer exposure time	5-10s
Layer exposure time	1.2-1.8s
High Lifting height	6-10 mm(78.10 10) 6-10mm/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	180-360 mm/min
Light Light-off Delay S	0.5-1s

Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.2067±0.03g/cm³
Volumetric shrinkage	9.5%
Shore hardness	83D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	44°C
@5% TGA Decomposition temperature @5%TGA	48°C
ISO 75 @0.45MPa Heat detection temperature ISO 75@0.45MPa	50°C
ISO 527 tensile strength ISO527	30 MPa
ISO 527 Elongation at break ISO527	12%
ISO 178 Flexural strength ISO 178	35 MPa
ISO 178 Flexural Modulus ISO 178	1200 MPa
ISO 179 Izod notched impact strength ISO 179	40 J/m

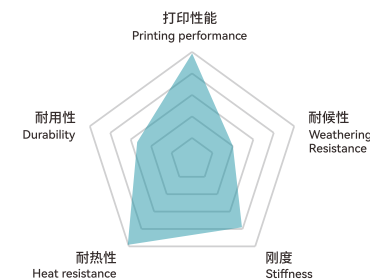
Engineering Resin



Printed with SUNLU High Temperature Plus Resin

Plus(High Temperature Plus Resin)

Engineering Resin



Product Characteristics

300°C/3.

High-temperature resistant resin with a maximum temperature resistance of 300°C for 3 minutes.

Can Colors

Available Colors

Basic Colors



Transparent Colors



Specifications

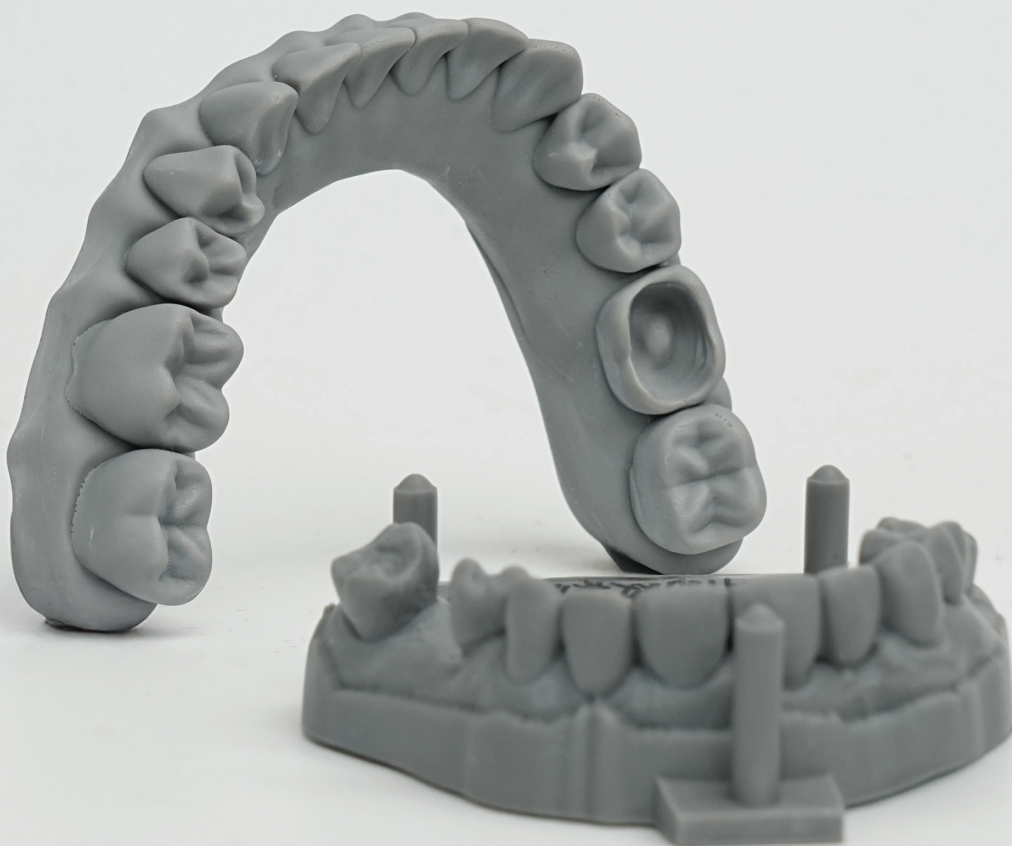
Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
Bottom layer count	5-10(5-10 layers)
Bottom layer exposure time	7-70s;3.5-40s KGB LCD Screen 7-70s; Monochrome LCD Screen3.5-40s
Layer exposure time	3-15s;2-3.5s KGB LLU Screen 3-15s; Monochrome LCD Screen 2-3.5s
High Lifting height	6-10 mm(78.10 10) 6-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/ascending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.335±0.03g/cm ³
Volumetric shrinkage	8%
Shore hardness	87D
Coeficient of thermal expansion	101*10 ⁻⁶ /K
Tg Glass transition temperature Tg	102°C
@5% TGA Decomposition temperature @5%TGA	345.25°C
ISO 75 @0.45MPa Heat deflection temperature ISO 75@0.45MPa	170°C
ISO 527 Tensile strength ISO527	32 MPa
ISO 527 Elongation at break ISO527	8%
ISO 178 Flexural strength ISO 178	82 MPa
ISO 178 Flexural Modulus ISO 178	3832 MPa
ISO 179 Izod notched impact strength ISO 179	25 J/m

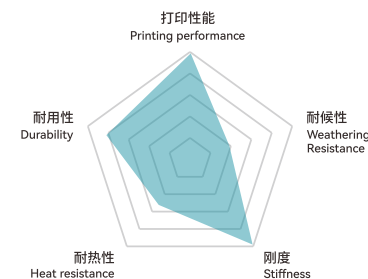
Dental Resin



Printed with SUNLU Dental Model Resin

(Dental Model Resin)

Dental Resin



Product Characteristics

&

High-performance resin material designed specifically for dental applications, featuring high precision, high hardness, high detail reproduction, and excellent stability, meeting the requirements for the production of complex dental models.

Can Colors

Available Colors

Basic Colors



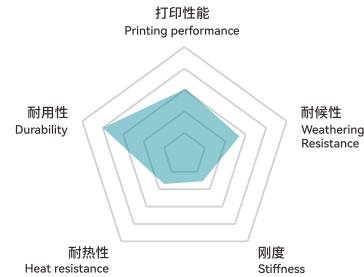
Specifications

Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
Bottom layer count	3-5(3-5 layers)
Bottom layer exposure time	10-20s
Layer exposure time	2.5-3s
High Lifting height	6-10 mm(78.10 10) 6-10mm(/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.24±0.03g/cm³
Volumetric shrinkage	8%
Shore hardness	83D
Coeficient of thermal expansion	101*10-6/K
Tg Glass transition temperature Tg	48°C
@5% TGA Decomposition temperature @5%TGA	350°C
ISO 75 @0.45MPa Heat delection temperature ISO 75@0.45MPa	54°C
ISO 527 Tensile strength ISO527	45 MPa
ISO 527 Elongation at break ISO527	15%
ISO 178 Flexural strength ISO 178	75 MPa
ISO 178 Flexural Modulus ISO 178	1821 MPa
ISO 179 Izod notched impact strength ISO 179	25 J/m



Product Characteristics

High, High, High

A high-performance resin material designed specifically for dental implant surgery, featuring high precision and high toughness, providing dentists with an accurate and efficient implant membrane solution.

Specifications

Recommended Printing Parameters

Project	Numerical Value
Project	25-30°C
Print layer thickness	0.05 mm (0.03 mm) 0.03mmaccuracy would be better
bottom layer count	3-5(3-5 layers)
bottom layer exposure time	10-20s
Layer exposure time	2-2.5s
High Lifting height	6-10 mm(78.10 10) 6-10mm(1/ inch or more machine lift is recommended to be more than 8,10 inch or more than 10)
Lifting speed	60-120mm/min
/ Return/descending speed	120-180 mm/min
Light Light-off Delay S	0.5-1s

Can Colors Available Colors

Basic Colors



Performance After Printing And Curing

Project	Numerical Value
FA1004J Solid density FA1004J specific gravity balance	1.20±0.03g/cm³
Volumetric shrinkage	8%
Shore hardness	75D
Coeficient of thermal expansion	101*10 ⁻⁶ /K
Tg Glass transition temperature Tg	45°C
@5% TGA Decomposition temperature @5%TGA	300°C
ISO 75 @0.45MPa Heat detection temperature ISO / s@0.45MPa	50°C
ISO 527 tensile strength ISO527	25 MPa
ISO 527 Elongation at break ISO527	30%
ISO 178 Flexural strength ISO 178	35 MPa
ISO 178 Flexural Modulus ISO 178	956 MPa
ISO 179 Izod notched impact strength ISO 179	130 J/m

Auxiliary Electronics



SUNLU AMS Heater



Product Characteristics

- Supports
- 20mins70°C,,
- pairs, Can, Low
- AMS
- AMS.
- 2. □ □
- High
- PTC+

- Support simultaneous drying and printing;
- Fast heating speed, can heat up to 70°C in 20 minutes; Can dry most common filaments; Dual air duct design with circular hot air reduces local overheating and lowers warping risk;
- It is compatible with all functions of first-gen AMS, like sealed storage and multi-color printing; Flat-top design allows easy stacking to save space;
- 2-minute fast upgrade:
Loosen → Replace → Tighten → done.
- Intelligent humidity control: After setting the humidity, when the humidity exceeds the set value, it will automatically start to prevent the filaments from being re-humidified;
- Triple safety design of PTC + metal roller fan, secondary temperature protection switch, and software intelligent temperature control ensures that the heating process is flawless.

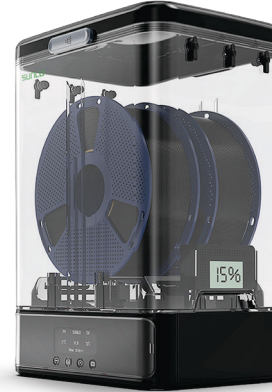
Specifications

Performance parameters

Project	Numerical Value
(Net Weight)	1.7kg
(Product Size)	363X278X131mm
(Color)	(Black)
/(Operational Temperature/Humidity Conditions)	10-35°C, 0-95% (Operating Temperature: 10°C-35°C, Relative Humidity: ≤95%)
(Temperature range)	35°C-70°C
(Humidity Display range)	10%-90%
(Time Setting range)	0-99H
(Input Specifications)	AC 110V 60Hz or AC 220V 50Hz
(Max allowable continuous working current)	2.2A@230V 4.15A@120V
(Maximum operating power)	390W
(Rated Power)	220W
(Standby power)	0.6W

Can Colors

Available Colors



Product Characteristics

- MultiCan
- 21kg(SUNLU 22KG),1
- 2kg/3kg,250mm
- 153mm.
- 0.25kg, 0.5kg
- 0.25~3kg,:1.75mm
- 2.85mm,,:.
- +
- .3
- 15mins70°C,,
- PTC+

- Heating platform and storage box are designed as two separate parts, and multiple storage boxes can be freely stacked to improve space utilization.
- Upper cover and foot pad are designed with silicone, which has good sealing effect and excellent insulation effect.
- The storage box can accommodate 2 rolls of 1kg filament, and 1 roll of 2kg or 3kg filament. It supports the maximum spool diameter of 250mm and the maximum spool width of 153mm.
- Filament weighing 0.25kg and 0.5kg, as well as cardboard spool filament, can be printed through horizontal axis fixation; compatible with filament weighing 0.25-3kg; compatible with cardboard spool and plastic spool.
- Humanized design: The chamber adopts a handle and a detailed design with a concave bottom, making it convenient for users to move; The chamber is equipped with an independent hygrometer for real-time observation of internal humidity changes. Three rubber plugs on both sides are designed to meet the printing needs of filaments of different sizes
- Heating up to 70°C in 15 minutes, can dry most common filaments, with a fast heating rate
- The triple safety design of PTC+metal roller fan, secondary temperature protection switch, and software intelligent temperature control ensures that the heating process is foolproof.

Specifications

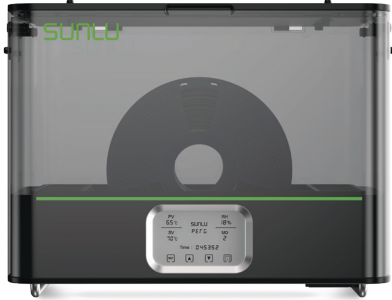
Performance parameters

Project	Numerical Value
(Net Weight)	3.6kg
(Product Size)	278X208X396mm
(Net Weight)	265X139X274mm
(Color)	(Black)
/(Operational Temperature/Humidity Conditions)	10-35°C, 0-95% (Operating Temperature: 10°C-35°C Relative Humidity: ≤95%)
(Temperature range)	35°C-70°C
(Humidity Display range)	10%-90%
(Time Setting range)	0-99H
(Input Specifications)	AC 110V 60Hz or AC 220V 50Hz
(Max allowable continuous working current)	2.2A@230V 4.2A@120V
(Maximum operating power)	250W
(Standby power)	≤1W

Can Colors

Available Colors





Product Characteristics

- 500W PTC, 110°C30.
- Can LargeLarge
- 80-90°C2-3H
- E2
- 21KG;13kg
- Large
- pairs
- φ1.75mm&φ2.85mm
- PTC+
- 110°C, 060°C

- It heats up quickly, with 500W PTC heating. It takes only 30 minutes to heat to 110°C. High-temperature baking can significantly shorten the drying time of engineering filaments.
- After printing functional filament models, annealing at 80-90°C for 2-3 hours is required. The FilaDryer E2 provides this environment, empowering creators to explore their creativity.
- Accommodates two 1kg spools or one 3kg spool, meeting the needs of multi-spool printing and large-spool drying, reducing the hassle of frequent filament changes.
- The double-chamber design effectively insulates and retains heat, preventing heat loss, and improving energy efficiency.
- Compatible with engineering filaments, it supports φ1.75mm and φ2.85mm filament diameters, providing versatility for different materials.
- It features a PTC heating element and barrel fan design for safe heating, dual-level temperature protection switches, and intelligent temperature control software. Even at 110°C, the product's external surface temperature remains ≤60°C.

Specifications

Performance parameters

Can Colors

Available Colors



Project	Numerical Value
(Net Weight)	7.6kg
(Product Size)	400X200X307mm
(Interior Dimensions)	372X192X186mm
(Color)	(Black)
/(Operational Temperature/Humidity Conditions)	10-35°C, 095% (Operating Temperature: 10°C-35°C, Relative Humidity: ≤95%)
(Temperature range)	35°C-110°C
(Humidity Display range)	10%-90%
(Time Setting range)	0-99H
(Input Specifications)	AC 110V 60Hz or AC 220V 50Hz
(Max allowable continuous working current)	2.2A@230V 4.2A@125V
(Standby power)	≤1W
(Filament diameter)	φ1.75mm/φ2.85mm/φ3.0mm



Product Characteristics

- PTC+3
- (±3°C)
- 70°C, PA PC
- 4,8

- High power PTC heater + 3 fans design, faster heating and more balanced internal temperature (temperature difference ±3°C);
- Heat up to 70°C inside the box, drying PA PC and other special filaments;
- One-click operation
- Drying 4 rolls of filament simultaneously, with 8 outlets design, meet the user's multiple printers printing needs.
- Built-in desiccant storage tank for better humidity control inside the box
- Intelligent humidity control mode to prevent secondary moisture of filaments.

Specifications

Performance parameters

Can Colors

Available Colors



Project	Numerical Value
(Net Weight)	4kg
(Size)	460X220X310mm
(Color)	/(White/Black/Grey)
(Maximum capacity)	450X175X207mm
(Environment temperature)	20°C-35°C
(Relative humidity)	≤90%
(Temperature range)	35°C-70°C
(Input Specifications)	AC 110V~240V, 50/60Hz
(Standby power)	0.25W
(Max allowable continuous working current)	3.1A
(Maximum operating power)	330W
(Filament diameter)	φ1.75mm



Product Characteristics

- 360
- 4.6
- pairs, pcs, , SafeHigh
- 70°C, PA PC
- LED
- pairsCablePort
- Fast

- Upper and lower double heating sheets, 360° surrounded heating
- 4.6-inch LCD monitor, Display temperature, time, humidity, filament type, countdown time
- Dual temperature probes, detecting the temperature of the box and the heating sheet, accurate temperature, high safety
- Heating up to 70 °C, drying PA PC and other special filaments;
- One-click operation;
- LED marquee, display real-time working status
- Allows setting unlimited working hours;
- Double outlet design;
- Built-in circulating fan, internal heat circulation, faster moisture discharge, uniform heating.

Specifications

Performance parameters

Project	Numerical Value
(Net Weight)	1109g
(Size)	265X274X118mm
(Color)	/(Black/White)
(Maximum capacity)	φ210X85mm
(Environment temperature)	20°C-35°C
(Relative humidity)	≤90%
(Temperature range)	35°C-70°C
(Power adapter specifications)	24V/2A
(Input specification)	AC 110V~240V,50/60Hz
(Out specification)	DC 24V±1.2V,2A
(Standby power)	0.05W
(Max allowable continuous working current)	1.8A
(Maximum operating power)	48W
(Filament diameter)	φ1.75mm/φ2.85mm/φ3.0mm

Can Colors

Available Colors



Product Characteristics

- Fast
- 2
- pairs, pcs, , SafeHigh
- /

- Built-in circulating fan, internal heat circulation, faster moisture discharge, uniform heating
- 2-inch LCD display, to show temperature, time and humidity
- Dual temperature probes, detecting temperature of the box and heating sheet, accurate temperature, high safety
- Wrapped drying, more uniform heating, better drying effect, strong heat preservation.
- Adjustable heating temperature/time, can meet the needs of users with different filaments and drying time.

Specifications

Performance parameters

Project	Numerical Value
(Net Weight)	960g
(Size)	271X100X237mm
(Color)	/(White/Black/Grey)
(Maximum capacity)	φ210X89mm
(Environment temperature)	20°C-35°C
(Relative humidity)	≤90%
(Temperature range)	35°C-50°C
(Power adapter specifications)	24V/2A
(Input specification)	AC 110V~240V,50/60Hz
(Out specification)	DC 24V±1.2V,2A
(Standby power)	0.05W
(Max allowable continuous working current)	1.8A
(Maximum operating power)	48W
(Filament diameter)	φ1.75mm/φ2.85mm/φ3.0mm

Can Colors

Available Colors



Product Characteristics



- 3185°C,.
- $\pm 3^{\circ}\text{C}$
- 240°C,3D
- 50-100°C
- Large

- This filament connector can fully utilize leftover filaments, minimizing waste and saving costs. Achieve efficient printing projects with zero waste
- Easily splice filaments of the same material but different colors to add unlimited color possibilities to your 3D prints.
- Under room temperature conditions, it takes only about 3 minutes to quickly heat up to 185°C, reducing time waste. Additionally, the difference between the display temperature and the actual temperature is strictly controlled within $\pm 3^{\circ}\text{C}$, ensuring a precise and consistent splicing process.
- Supporting temperatures up to 240°C, it is widely compatible with various 3D printing filaments. Enjoy excellent splicing performance no matter what material you use
- With advanced temperature control technology and high-quality heat insulation materials, the device's external temperature remains within 50-100°C during the splicing process, ensuring safe operation.
- User-friendly design with a simple, intuitive interface. Select the appropriate settings based on the filament type, with no complicated adjustments needed

Specifications

Performance parameters

Can Colors

Available Colors



Project	Numerical Value
(Color)	(Black)
(Size)	111X79.4X38mm
(Input specification)	5V 2A
(Environment temperature)	20°C-35°C
(Net Weight)	143g
(Maximum Temperature Resistance)	$\leq 250^{\circ}\text{C}$
(Upper Limit Temperature)	240°C
(Filament diameter)	1.75 $\pm$ 0.03mm

Product Characteristics



- 4UV;12UV
- 2kg
- Fast
- Can, Dimensions
- UVUV,UV

- There are 4 UV lamps at the top and bottom; 12 UV lights on the side, which can illuminate the model in all directions, and the curing effect is better
- The load-bearing capacity of the turntable is 2kg, and the long-term operation is stable and noiseless
- The model is quickly air-dried, reducing the trouble of waiting for the user to dry the model;
- The wind speed can be adjusted to meet the air drying requirements of models of various sizes and avoid the models from being blown down
- The UV process fan is beneficial to the cooling of the UV lamp panel, preventing the aging of the UV lamp and prolonging the service life

Specifications

Performance parameters

Can Colors

Available Colors



Project	Numerical Value
(Color)	/(Black/White)
(Size)	245X235X305mm
(Power adapter specifications)	12V/3A
(Input specification)	AC 110V~240V,50/60Hz
(Out specification)	DC 12V $\pm$ 1.2V,3A
(Environment temperature)	20°C-35°C
(Relative humidity)	$\leq 90\%$
(Time)	0-900s
(Turnable Diameter)	200mm
(load-bearing)	2kg
(Model air dry)	10mins

3DSL-200(3D printing pen SL-200)

3D
3D Printing Pen



Product Characteristics

- ABS/PLA
- Multi
-
-
- One-key switching of high-temperature filaments, ABS PLA filament;
- Multi-button operation is convenient to use;
- Knob front cover for easier to maintenance;
- Sliding speed adjustment, more precise speed control.

Specifications

Performance parameters

Project	Numerical Value
(Model)	SL-200
(Net Weight)	52.5g
(Size)	172X26X23.5mm
(Color)	/(White/Black/Blue)
(Applicable consumables)	PLA ABS 1.75±0.02mm
(Recommended temperature)	ABS 180~210°C PLA 160~180°C
(Certified product)	ROHS,FCC,CE
(Power adapter electrical parameters)	AC 110V~240V,50/60Hz 0.35A
(Equipment ratedr electrical parameters)	DC 5±0.25V 2A 10W

Can Colors

Available Colors ○ ● ●

3DSL-300(3D printing pen SL-300)

3D
3D Printing Pen



Product Characteristics

- PLA/ABS
- 8
- USB--DC
- PLA/ABS filaments can be used;
- 8-speed digital speed control, the output speed is more accurate;
- USB--DC power interface, can be connected to external power supply.

Specifications

Performance parameters

Project	Numerical Value
(Model)	SL-300A
(Net Weight)	55g
(Size)	175X24X28mm
(Color)	/// (Black&White/Black&Grey/Black&Green/Black&Blue)
(Applicable consumables)	PLA ABS PCL 1.75±0.02mm
(Recommended temperature)	ABS 180~210°C PLA 160~180°C PCL 50~60°C
(Certified product)	ROHS,FCC,CE
(Power adapter electrical parameters)	AC 110V~240V,50/60Hz 0.35A
(Equipment ratedr electrical parameters)	DC 5±0.25V 2A 10W

Can Colors

Available Colors ○ ● ● ●

3DSL-300 A(3D printing pen SL-300A)

3D
3D Printing Pen



Product Characteristics

- PLA/ABS/PCL
- LCD,/
- PCL
- 8
- USB--DC
- Three types of filaments PLA/ABS/PCL can be used, switching temperature modes at will;
- LCD display, set the program/temperature anytime, anywhere, convenient and fast;
- Selecting PCL filament can realize ultra-low temperature nibs, reducing the risk of burns at Safer
- 8-speed digital speed control, the output speed is more accurate;
- USB--DC power interface, can be connected to external power supply.

Specifications

Performance parameters

Project	Numerical Value
(Model)	SL-300A
(Net Weight)	55g
(Size)	175X24X28mm
(Color)	/// (Black&White/Black&Grey/Black&Green/Black&Blue)
(Applicable consumables)	PLA ABS PCL 1.75±0.02mm
(Recommended temperature)	ABS 180-210°C PLA 160-180°C PCL 50-60°C
(Certified product)	ROHS,FCC,CE
(Power adapter electrical parameters)	AC 110V~240V,50/60Hz 0.35A
(Equipment ratedr electrical parameters)	DC 5±0.25V 2A 10W

Can Colors

Available Colors ○ ● ● ●

3DSL-300Plus(3D printing pen SL-300Plus)

3D
3D Printing Pen



Product Characteristics

- PLA/ABS/PCL
- 6
- Supports Fast, , Standard
- One key switching of high and low temperature filaments, supporting PLA/ABS/PCL filaments;
- 6 Button operation Easy to use
- Knob front cover for easier maintenance
- Ergonomic design makes it more comfortable for users to hold the pen during use, and relieves hand fatigue caused by long-term use;
- Three speed adjustments, support fast, medium and slow printing, easier to control.

Specifications

Performance parameters

Project	Numerical Value
(Model)	SL-300Plus
(Net Weight)	55g
(Size)	175X24X28mm
(Color)	/(White/Black)
(Applicable consumables)	PLA ABS PCL 1.75±0.02mm
(Recommended temperature)	ABS 180-210°C PLA 160-180°C PCL 60-70°C
(Certified product)	ROHS,FCC,CE
(Power adapter electrical parameters)	AC 110V~240V,50/60Hz 0.35A
(Equipment ratedr electrical parameters)	DC 5±0.25V 2A 10W

Can Colors

Available Colors ○ ● ● ●

3DSL-900 (3D printing pen SL-900)

3D
3D Printing Pen



Product Characteristics

- USB--DC,,500mAh,45
 - PCL
 -
 -
 - FastStandard
 -
- USB --DC power interface, can be connected to external power supply, built-in 500mAh lithium battery,power outage can work for 45 minutes
 - Use PCL low temperature filament, safe and anti-scald
 - Knob front cover for easier maintenance
 - Ergonomic design makes it more comfortable for users to hold the pen during use, and relieves hand fatigue caused by long-term use;
 - Main button function: click to adjust the speed, select fast or slow mode arbitrarily, more accurate output speed; Long press to turn off, easy to operate;
 - Side button function: click to pause and start gluing out; long press to return material, simpler operation

Specifications

Performance parameters

Project	Numerical Value
(Model)	SL-900 (With battery)
(Net Weight)	53.7g
(Size)	149.5X31.8X28.5mm
(Color)	///(White/Black/Blue/Pink)
(Applicable consumables)	PCL 1.75±0.02mm
(Recommended temperature)	PCL 60-70°C
(Certified product)	ROHS,FCC,CE
(Power adapter electrical parameters)	AC 110V~240V,50/60Hz 0.35A
(Equipment ratedr electrical parameters)	DC 5±0.25V 2A 10W

Can Colors

Available Colors ○ ● ● ●

3DSL-900A(3D printing pen SL-900A)

3D
3D Printing Pen



Product Characteristics

- USB--DC
 - PCL
 -
 -
 - FastStandard
 -
- USB --DC power interface, can be connected to external power supply
 - Use PCL low temperature filament, safe and anti-scald
 - Knob front cover for easier maintenance
 - Ergonomic design makes it more comfortable for users to hold the pen during use, and relieves hand fatigue caused by long-term use;
 - Main button function: click to adjust the speed, select fast or slow mode arbitrarily, more accurate output speed; Long press to turn off, easy to operate;
 - Side button function: click to pause and start gluing out; long press to return material, simpler operation

Specifications

Performance parameters

Project	Numerical Value
(Model)	SL-900A
(Net Weight)	43.7g
(Size)	149.5X31.8X28.5mm
(Color)	///(White/Black/Blue/Pink)
(Applicable consumables)	PCL 1.75±0.02mm
(Recommended temperature)	PCL 60-70°C
(Certified product)	ROHS,FCC,CE
(Power adapter electrical parameters)	AC 110V~240V,50/60Hz 0.35A
(Equipment ratedr electrical parameters)	DC 5±0.25V 2A 10W

Can Colors

Available Colors ○ ● ● ●