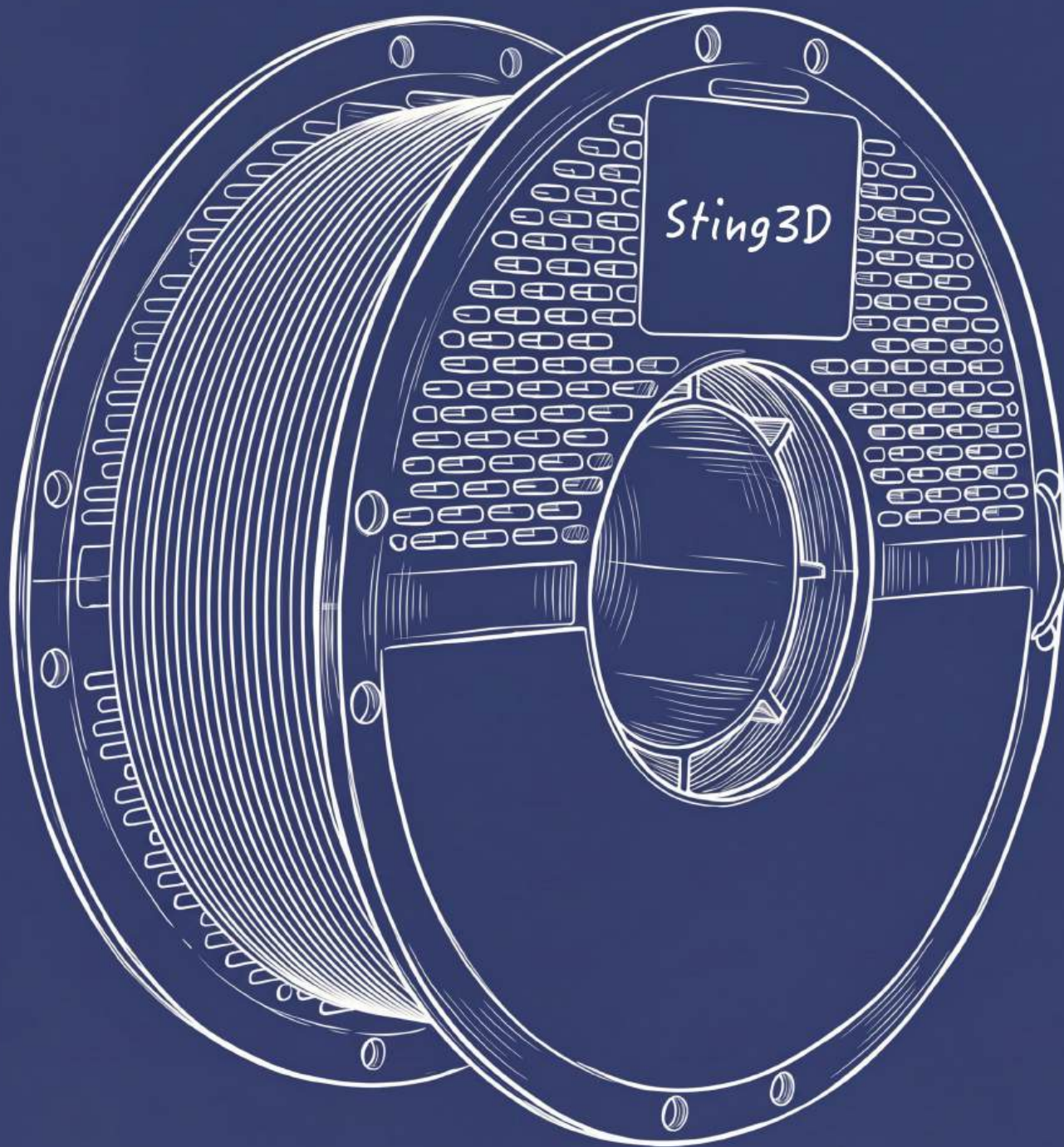




***STing 3D***<sup>®</sup>  
Professional Filament Manufacturer



## WE ARE STING3D

Sting3D was founded in 2015. It is a high-tech manufacturer specializing in the R&D, production and sales of 3D FDM printing materials, and a member of the 3D Printing Testing Standards Subcommittee of the China Additive Manufacturing Standardization Committee.

The company appoints senior experts from South Korea's LG Chem as Chief Technology Engineer and has built a professional R&D team. It has been granted 12 invention patents and over 42 utility model patents, and won the "Korea Industry Evaluation Brand Gold Award" in 2023.

With an annual capacity of 4 million rolls, Sting3D adopts exclusive patented technology to control filament diameter tolerance within 0.02mm, ensuring a 100% product qualification rate. All products have passed authoritative tests by SGS / TÜV and hold CE, RoHS, FDA, SVHC certifications, selling well in the US, Europe, Mexico, South Korea and other regions.

Sting3D continues to focus on the R&D of functional and application-oriented materials, including high-performance products such as ShoeFlex 9075A, PC-PBT, PLA-HT, nylon and carbon fiber, providing professional 3D printing material solutions for global partners.

Sting3D 成立于 2015 年，是专注于 3D FDM 耗材研发、生产与销售的高新技术制造商，亦是中国增材制造标准化委员会 3D 打印检测标准成员单位。公司特聘韩国 LG 化学集团资深专家担任技术总工程师，组建专业研发团队，累计斩获 12 项发明专利与 42 余项实用新型专利。并且在 2023 年度荣获“韩国行业评估品牌金奖”。

公司年产能达 400 万卷，凭借独家专利工艺，将长丝直径公差精准控制在 0.02 毫米内，实现产品合格率 100%。全系列产品通过 SGS / TÜV 权威检测，持有 CE、RoHS、FDA、SVHC 等认证，远销美国、欧洲、墨西哥、韩国等地区。Sting3D 持续深耕功能型，应用类耗材，如ShoeFlex 9075A，PC-PBT，PLA-HT，尼龙、碳纤维等高性能材料研发，为全球合作伙伴提供专业的 3D 打印耗材解决方案。

## # Certificates

# CERTIFICATES

We company fully complies with international supply chain and management standards, holding SEDEX, ISO 9001, ISO 14001 and ISO 45001 certifications.

Our products strictly implement biocompatibility, environmental and safety regulations, certified by ISO 10993, FDA, RoHS, SVHC and PAHs, providing stable and reliable quality assurance for global partners.

我们企业全面符合国际供应链与管理标准，拥有SEDEX、ISO 9001、ISO 14001、ISO 45001认证。

产品严格执行生物相容性、环保及安全法规，通过ISO 10993、FDA、RoHS、SVHC、PAHs认证，为全球合作伙伴提供稳定可靠的品质保障。

Testing Organization: TÜV / SGS

检测机构: TÜV / SGS

**SMETA**  
Sedex Members Ethical Trade Audit Report  
Version 7



SMETA is a member of Sedex.

Report No. 70.400.34.1962.01-06.01  
Rev. 00  
Date: 2024-08-09

Applicant: Wuyi Sting 3D Technology Co., Ltd.  
Address: No. 88, Wangda Road, Wuyi County, Jinhua City, Zhejiang Province, China  
Attn: Leo Zhang  
Sample Description: PLA HYPER  
Model No.: 1.75MM  
Country of origin: China  
Exported to: U.S.A.  
Sample Received Date: 2024-07-31  
Test Period: From 2024-07-31 to 2024-08-09  
Purpose of examination: As specified by client, to test as required by the U.S. F.D.A. C.F.R. 21

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch  
TÜV SÜD Group

Prepared by: Cao Xinxin  
Name: Cao Xinxin  
Project Manager

Reviewed by: Bai Jian  
Name: Bai Jian  
Designated Reviewer

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch, Shanghai 200 070  
P. R. China  
Tel.: +86-21-6141-0123 Fax: +86-21-6145-8900  
www.tuv-sud.cn info@tuv-sud.cn

Page 1 of 5

**TÜV Rheinland**  
Test Report-Products

Test Report No.: 304129869d 001 Page 1 of 5

Client: WUYI STING 3D TECHNOLOGY CO.,LTD  
2nd Floor, Building 4, No. 88 Development Avenue, Baiyang Street, Wuyi County, Jinhua City, Zhejiang Province, China

Test Item(s): 3D Printing Filament  
Sheet/Pack 3075A 3D Printing Filament 1.75mm

Sample obtaining method: Sending by customer

Condition at delivery: Test item complete and undamaged

Sample receiving date: 2025-05-05

Testing Period: 2025-05-05 to 2025-08-01

Place of testing: -

Test specification: Customer Requirement: 1. Skin sensitization tests: Closed patch test (Batter test) \*

Test result: Please refer to result page

Other information: \* This test was subcontracted to other laboratories

For and on behalf of TÜV Rheinland (Shanghai) Co., Ltd.

2025-08-06 Nicky Chen Assistant Manager  
Date Name/Position

Sample information is provided by customer. Test result is shown according to the test and subject of tests performed. This test report relates to the above mentioned test results. Without permission of the test center this test report is not permitted to be copied or reprinted. This test report does not enable to carry any safety stock on file or similar products.

\* Vendor: Your Customer understands it is its responsibility to ensure its compliance with applicable regulatory requirements. Compliance and/or any other use of information for test results and/or compliance (regardless of this test report) for a third party is not allowed without the prior written consent of TÜV Rheinland. The test report is not intended for use for research, teaching or internal quality control purposes and are for internal use only.

TÜV Rheinland (Shanghai) Co., Ltd. 19F, North Hall of 10F and 19F, Pinyuan (Pinyuan) Modern Industrial Park, No. 3025, Yuyuan Lingyuan South Road, Shanghai City, Shanghai Province 201307 P. R. CHINA  
Tel: +86-21-60880000 Fax: +86-21-60880001 Web: www.tuv-rh.com

**TÜV SÜD**

Test Report No. 70.400.34.1962.01-06.01  
Rev. 00  
Date: 2024-08-09

Applicant: Wuyi Sting 3D Technology Co., Ltd.  
Address: No. 88, Wangda Road, Wuyi County, Jinhua City, Zhejiang Province, China  
Attn: Leo Zhang  
Sample Description: PLA HYPER  
Model No.: 1.75MM  
Country of origin: China  
Exported to: U.S.A.  
Sample Received Date: 2024-07-31  
Test Period: From 2024-07-31 to 2024-08-09  
Purpose of examination: As specified by client, to test as required by the U.S. F.D.A. C.F.R. 21

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch  
TÜV SÜD Group

Prepared by: Cao Xinxin  
Name: Cao Xinxin  
Project Manager

Reviewed by: Bai Jian  
Name: Bai Jian  
Designated Reviewer

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch, Shanghai 200 070  
P. R. China  
Tel.: +86-21-6141-0123 Fax: +86-21-6145-8900  
www.tuv-sud.cn info@tuv-sud.cn

Page 1 of 5

**CE**

**Attestation of Conformity**  
No. ROHS8 095099 0003 Rev. 00

Holder of Certificate: Wuyi sting3d Technology Co., Ltd  
No. 7 Technology Zone 31000 Hangzhou  
Wuyi  
321200 Jinhua  
PEOPLE'S REPUBLIC OF CHINA

Product: 3D printer filament  
PLA RRO & PETG & PLA Flexible PLUS

Model(s): 1.75mm/2.85mm/3.0mm

Parameters: Voltage: 24V  
Rated current: 5A  
Rated power: 150W

Tested according to: EN 62321-1:2013  
EN 62321-2:2014  
EN 62321-3-1:2014  
EN 62321-4:2014(A1):2017  
EN 62321-6:2014  
EN 62321-6:2015  
EN 62321-7-1:2015  
EN 62321-7-2:2017  
EN 62321-8:2017

The product was tested according to the European Directive 2011/65/EU concerning RoHS and additionally according to Directive (EU) 2015/863 to amend Annex II of the above mentioned Directive with 4 additional substances: Ph, Hg, Cd, Co/Pb, PBBs and PBDEs could not be detected over the limit defined by the European Directive 2011/65/EU. DEHP, BBP, DBP and CBP could not be detected over the limit defined by the European Directive (EU) 2015/863. The Declaration of Conformity confirms the compliance with the listed requirements in a voluntary basis. It refers only to the sample submitted and does not certify the quality or safety of the serial products. For details see: www.tuv-sud.com/cert

Test report no.: 70.400.31.2012.01-06.01

Date: 2021-05-13

(Nannan Qi)

Page 1 of 1  
After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. Other relevant directives have to be observed.

TÜV SÜD Product Service GmbH - Certification Body - Rottendorf 18 - 60305 München - Germany

**SOC**  
QUALITY MANAGEMENT SYSTEM  
CERTIFICATE

This is to certify that the QUALITY MANAGEMENT SYSTEM of  
WUYI STING 3D TECHNOLOGY CO.,LTD

Registered Address:  
No.88, Development Avenue, Baiyang Street, Wuyi County, Jinhua City, Zhejiang Province, China (2F, 4F Building, Zhejiang Hekuan Tools Co., Ltd.)

Audit Address:  
No.88, Development Avenue, Baiyang Street, Wuyi County, Jinhua City, Zhejiang Province, China (2F, 4F Building, Zhejiang Hekuan Tools Co., Ltd.)  
has been assessed SOC Certification and found to comply with  
GB/T19001-2016/ISO9001:2015  
for the Scope of  
Production and sales of 3D printing filaments (FDM)

Certificate No.: 74325010348R05  
Unified Social Credit Code: 91330723L86966802  
First Issue Date: 2025/07/30  
Certificate Issue Date: 2025/07/30  
Certificate Valid: 2028/07/29

Signer: [Signature]

The certificate shall be valid for the use within the period of validity of each administrative license with qualification license provided by the state. This certificate shall be valid for 3 years, subject to a supervisory audit every 12 months. After a successful audit, the certificate is valid only when used together with an Administrative License of Surveillance issued by SOC. The certificate information is also available on the CMAA official website: www.cmaa.gov.cn

SOC SYSTEM CERTIFICATION  
[Logo]

**SGS**

Test Report No. UAMEC12345678 Date: 17 Dec 2021 Page 1 of 3

COREY MATERIALS  
TAMPA, FLORIDA, USA

The following sample(s) were submitted and identified on behalf of the client as: PETG 3D Printing Filament

SGS Job No.: CP21-06893 - 52  
Date of Sample Received: 13 Dec 2021  
Testing Period: 13 Dec 2021 - 17 Dec 2021  
Test Requested: Selected test(s) as requested by client.  
Test Method: Please refer to test page(s).  
Test Results: Please refer to test page(s).

Result Summary:

| Test Requested                                             | Conclusion  |
|------------------------------------------------------------|-------------|
| FDA 21 CFR 177.1530-Chloroform soluble extractive residues | See Results |

Signed for and on behalf of SGS-CTC Standards Technical Services Co., Ltd. Guangzhou Branch

Ivy Ren  
Ivy Ren  
Approved Signatory

SGS is a member of the Bureau Veritas Group.

OEM

## Only Focus on 3D Filament, OEM One-stop Service

Sting3D is a leading manufacturer of 3D printing filaments, specializing in providing one-stop OEM services for companies looking for build their own filament brand. With advanced technology and extensive industry experience, we produce high-quality customized filaments tailored to your needs. We hold five patented technologies and adhere to strict production standards supported by a robust quality control system to ensure exceptional product quality.

We offer comprehensive services including filament spool labeling and packaging customization according to client requirements. Our production capabilities accommodate both small trial runs and large-scale orders. Through optimized manufacturing processes and efficient logistics, we guarantee fast delivery, helping you seize market opportunities.

Sting3D focuses on the research and development of functional and application-specific filaments, creating unique products exclusive to the market. Additionally, we offer original factory-direct pricing to maximize your profit margins.

Our mission is simple—to provide high-quality filaments for your brand at competitive prices, allowing you to concentrate on sales and achieve solid returns.

Choosing Sting3D's OEM filament solutions means investing in reliability and superior quality that translates directly into your brand's success. Contact us today to learn more about our products and partnership opportunities.

Sting3D是一家领先的3D打印耗材制造商，专注于为希望打造自有品牌的企业提供一站式OEM服务。凭借先进的技术和丰富的行业经验，我们能够制造出高品质的定制化线材。我们拥有5项专利技术，并依托严格的生产标准与完善的质量控制体系，确保每一件产品都达到卓越水准。

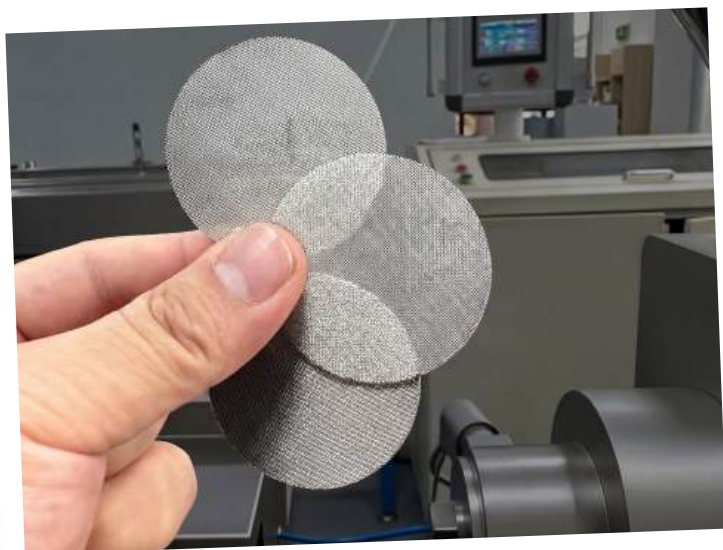
根据客户需求，我们提供全面的标签设计与包装定制服务。无论是小批量试产还是大规模订单，我们灵活的生产能力均可满足。通过优化的生产流程和高效的物流体系，我们确保快速交付，帮助客户抢占市场先机。

Sting3D专注于功能性及特殊应用线材的研发，打造市场上独具特色的专属产品。同时，我们提供合适您的工厂价格，最大程度保障您的利润空间。

我们的使命非常简单——以合理的价格为您的品牌提供优质耗材，让您能够专注于市场销售，获得可观的利润。

选择Sting3D，意味着您投资于可靠、卓越的产品品质，这将直接助力您品牌的成功。欢迎联系我们，了解更多产品信息与合作机会。





## 58μm Filter Screen

58μm stainless steel filter screen is installed at the machine extrusion port and replaced every shift to remove impurities caused by carbonization, ensuring smoother filament surface and better print quality.

机器挤出口安装有 58 μm 不锈钢过滤网，每班更换一次，以去除碳化产生的杂质，确保料丝表面更光滑，打印质量更好。



## Patent Precision Control

Filament will be tested by 1.78mm test hole, once the diameter is over 1.78mm, the machine will be stopped automatically, this filament will be directly discarded.

料丝将通过1.78mm控制孔，一旦直径超过1.78mm，机器将自动停止，此耗材直接废弃。



## Digital Monitoring

Digital on-line real-time monitoring to ensure the quality of the wire diameter.

数字在线实时监控，确保线径质量。

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Internationally Certified  
Safe & Eco-Friendly  
Gentle & Non-Toxic



## ShoeFlex 9075A

Specially Developed for Shoes

Easy Printing

100% Print Success

75A Softness

Speed 3X

Save Time, Save Money.

专为鞋类研发

轻松打印

100%成功率

75A柔软度

3倍速度

节省你的时间

节省你的金钱



Nozzle Temp : 210-250°C



Bed Temp : 50-60°C



Nozzle : 0.4 M.V.S : 2.8-3.6mm³/s 0.6 M.V.S : 4-8mm³/s



Diameter : 1.75±0.02mm



M.V.S : 3.6-8 mm³/s Based on nozzle and temperature



N.W : 750g



# SHOEFLEX9075A FILAMENT

## WORLD FIRST FILAMENT FOR SHOES PRINTING

EASY TO PRINT AS TPU90A - PRINTED SHOES FOR TPU75A SOFTNESS

### GENERAL TPU85A / 75A

TOO SOFT TO PRINT  
TOO EASY TO STRECH  
TOO DIFFICULT TO PRINT  
HIGH FAILURE RATE  
HIGH RISK OF -  
WASTE FILAMENT  
WASTE TIME  
WASTE ENERGY



### SHOEFLEX 9075A



FAST PRINT AS TPU90A  
EASY TO PRINT  
100% PRINT SUCCESS  
PRINTED SOFTNESS 75A  
  
SAVE FILAMENT  
SAVE TIME  
SAVE ENERGY



Prints stable at 90A for precision,  
then becomes 75A soft for foot comfort.



- Designed for Real Life
- Cloud-Soft **75A**
- Certified Safe: FDA, ISO10993, ROHS
- Your Daily Dose of Sunshine

***STing*3D<sup>®</sup>**  
Professional Filament Manufacturer

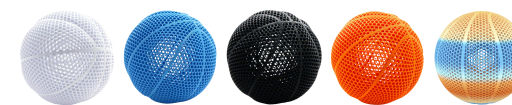




# FlexPLA-505B

Specially Developed for Ball  
Easy Printing  
100% Print Success  
High Bounce  
Tear Resistant

专为球类研发  
极易打印  
100%成功率  
高弹跳  
抗撕裂



-  Nozzle Temp : 220-240°C
-  Bed Temp : 50-60°C
-  Nozzle : 0.4 / 0.6mm
-  Diameter : 1.75±0.03mm
-  M.V.S : 5-8 mm³/s
-  N.W : 1000g

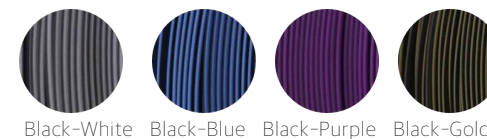


## PLA Saturn Color

Explore endless possibilities  
Unique color on the market  
Break the traditional FDM color texture  
The best choice for crafts

探索无限可能性  
市面独一无二的颜色  
打破传统FDM颜色纹路  
工艺品的不二选择

-  Nozzle Temp : 190-220°C
-  Bed Temp : 40-60°C
-  Nozzle : 0.2 / 0.4 / 0.6mm
-  Diameter : 1.75±0.02mm
-  M.V.S : 8-12 mm³/s
-  N.W : 1000g



Black-White Black-Blue Black-Purple Black-Gold





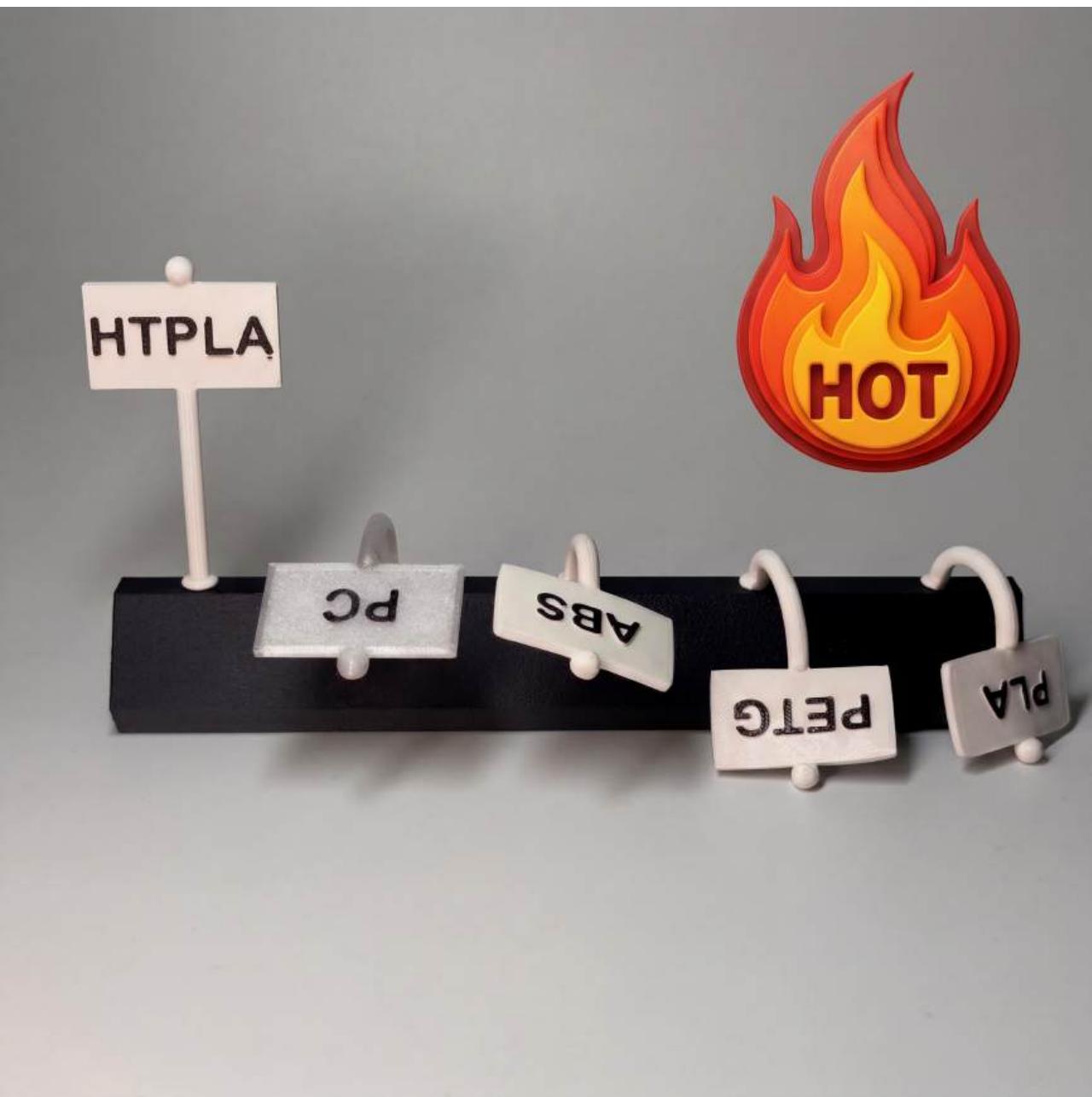
## PC-PBT

Sting3D PC-PBT is a PC/PBT polymer blend which offers good heat resistance, however, its key feature is toughness at **low temperatures (-30 °C)** where other plastics would become brittle. PC-PBT also features good chemical resistance and its characteristics make it ideal for automotive exterior parts such as bumpers, roof rail brackets or door handles.

Sting3D PC-PBT 是一种 PC/PBT 聚合物混合物，具有良好的耐热性，但其主要特点是在低温（-30°C）条件下的韧性，而其他塑料在低温条件下会变脆。PC-PBT 还具有良好的耐化学性，其特性使其成为保险杠、车顶导轨支架或门把手等汽车外部部件的理想材料。

-  Nozzle Temp : 250-280°C
-  Bed Temp : 90-100°C
-  Nozzle : 0.4 / 0.6mm
-  Diameter : 1.75±0.03mm
-  M.V.S : 8-12 mm³/s
-  N.W : 1000g





## PLA HT

PLA HT combines the ease of printing with industrial-grade heat resistance. Featuring low warping and high toughness, its thermal stability improves significantly after annealing, making it the perfect choice for functional prototypes and durable engineering components.

PLA HT 兼具标准PLA的易打印性与工业级的耐热性能。它具备低翘曲和高韧性，经过退火处理后，其热变形温度显著提升，是制作功能性原型和工程零件的理想选择。



-  Nozzle Temp : 190-220°C
-  Bed Temp : 40-60°C
-  Nozzle : 0.2 / 0.4 / 0.6mm
-  Diameter : 1.75±0.02mm
-  M.V.S : 8-12 mm<sup>3</sup>/s
-  N.W : 1000g



Sting3D ABS Flame Retardant (FR) exhibits **UL94 V0** flame retardancy performance in thickness down to 1mm (0.0394 inch)

## ABS-FR V0

Sting3D ABS-FR is a premium **UL94 V-0** rated ABS that allows for printing of functional prototypes and production parts. This material is ideal for printing electrical housings, connectors, or any part that requires thermal properties [up to 95°C] and flame retardant ABS characteristics.

Sting3D ABS-FR 是一种优质 UL94 V-0 级 ABS，可用于打印功能原型和生产零件。该材料非常适合打印电气外壳、连接器或任何需要热性能 [高达 95 ° C] 和阻燃 ABS 特性的部件。

-  Nozzle Temp : 250-270°C
-  Bed Temp : 80-100°C
-  Nozzle : 0.4 / 0.6mm
-  Diameter : 1.75±0.03mm
-  M.V.S : 10-12 mm<sup>3</sup>/s
-  N.W : 1000g





## TPU-CF

Sting3D TPU CF is a 3D printing filament that combines the flexibility of polyurethane (TPU) with the exceptional strength of carbon fiber. This material offers excellent shock absorption and elasticity. Additionally, its resistance to temperatures up to 90°C allows for versatile use in demanding environments.

Thanks to its unique characteristics, Sting3D TPU CF is ideal for applications that require both flexibility and resistance to mechanical stress and harsh environmental conditions.

Sting3D TPU CF是一种3D打印长丝，结合了聚氨酯 (TPU) 的柔韧性和碳纤维的卓越强度。这种材料具有出色的减震性和弹性。此外，其耐温高达90°C，可在严苛环境中实现多用途应用。由于其独特的特性，Sting3D TPU CF非常适合需要灵活性和耐机械应力和恶劣环境条件的应用。

-  Nozzle Temp : 220-240°C
-  Bed Temp : 50-60°C
-  Nozzle : 0.4 / 0.6mm
-  Diameter : 1.75±0.03mm
-  M.V.S : 3.6 mm<sup>3</sup>/s
-  N.W : 1000g





## PLA LW

LW-PLA utilizes active foaming technology to reduce printed weight by up to 50% via temperature control. It features a premium matte finish and excellent layer adhesion that hides layer lines effectively. Its ultra-lightweight nature makes it the ultimate choice for RC planes, drones, and structural parts where weight reduction is critical.

PLA LW 采用主动发泡技术，通过调节打印温度可使重量最高减轻50%。它具有极佳的哑光质感和良好的层间结合力，能有效隐藏层纹。其轻量化特性使其成为航模、无人机及各类减重结构件的理想选择，显著提升飞行效率。



-  Nozzle Temp : 190-220°C
-  Bed Temp : 40-60°C
-  Nozzle : 0.2 / 0.4 / 0.6mm
-  Diameter : 1.75±0.02mm
-  M.V.S : 8-12 mm<sup>3</sup>/s
-  N.W : 1000g



## PLA-ESD

Sting3D ESD-PLA is an advanced ESD-Safe compound designed for use in critical applications which require electrostatic discharge (ESD) protection. Made using cutting-edge multi-wall carbon nanotube technology, state of the art compounding technology, and precision extrusion processes. Target surface resistance:  $10^7$ - $10^9 \Omega$

Sting3D ESD-PLA是一种先进的ESD安全化合物，设计用于需要静电放电 (ESD) 保护的关键应用。使用尖端的多壁碳纳米管技术，最先进的复合技术和精密挤出工艺制成。目标表面电阻： $10^7$ - $10^9 \Omega$



-  Nozzle Temp : 190-220℃
-  Bed Temp : 40-60℃
-  Nozzle : 0.4 / 0.6mm
-  Diameter : 1.75±0.03mm
-  M.V.S : 10-12 mm³/s
-  N.W : 1000g



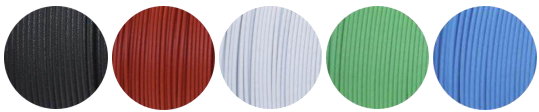
# PLA-CFRP-CF

Sting3D CFRP-CF Range has completely upgraded this filament by wrapping ABS/PLA/PETG/PC/PA resin on its surface, with an average thickness of about 0.3-0.6mm on the filament outer layer. The inner core increases the aspect ratio of carbon fiber, which greatly improves the strength of conventional carbon fiber.

And the model will be printed good surface, Those upgrades not only retain the original frosting and anti-warping properties of material, but also further improve the interlayer bonding performance of the material and solve the problem of weakened interlayer strength of filaments.

Sting3D CFRP-CF系列对该灯丝进行了全面升级，在其表面包裹ABS/PLA/PETG/PC/PA树脂，灯丝外层平均厚度约为0.3-0.6mm。耗材内芯增加碳纤维长径比，大幅度提高了常规工艺碳纤维的强度。

并且模型将打印出良好的表面，这些升级不仅保留了材料原有的磨砂和抗翘曲性能，还进一步提高了材料的层间粘合性能，解决了耗材层间强度减弱的问题。



- 🔥 Nozzle Temp : 190-220°C
- 🔥 Bed Temp : 40-60°C
- 🔥 Nozzle : 0.4 / 0.6mm
- 🔥 Diameter : 1.75±0.03mm
- 🔥 M.V.S : 10-12 mm³/s
- 🔥 N.W : 1000g



# PLA Pro

PLA is the go-to 3D printing filament. Derived from renewable resources, it is eco-friendly and biodegradable. It is renowned for its exceptional ease of use, featuring low shrinkage and zero warping, requiring no heated bed. With its low odor and high detail accuracy, it's the ideal choice for decorative models, educational prototypes, and hobbyist projects.

PLA (聚乳酸) 是最受欢迎的入门级耗材。它由可再生植物资源制成，环保且生物可降解。其核心优势在于极易打印：收缩率极低、无需加热底板且无翘曲，打印时伴有微甜气味。凭借优秀的表面光泽度和细节表现力，它是制作展示模型、教学教具及初学者尝试的首选。

-  Nozzle Temp : 190-220°C
-  Bed Temp : 40-60°C
-  Nozzle : 0.2 / 0.4 / 0.6mm
-  Diameter : 1.75±0.02mm
-  M.V.S : 9-12 mm³/s
-  N.W : 1000g

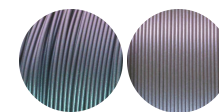




## PLA Starlight

PLA Starlight features a mesmerizing iridescent finish that shifts between deep purple and metallic cyan. Infused with subtle glitter, it creates a stunning shimmering galaxy effect. While maintaining PLA's exceptional ease of use, its unique color-changing properties mimic heat-tempered metal. It is the ultimate choice for sci-fi models, designer toys, and artistic creations.

PLA星光色融合了神秘的深紫与幻彩金属色调。它继承了 PLA 易打印、低收缩的优点，并加入微小闪粉营造深邃的星空质感。随视角变换，表面呈现出如高温烧灼金属般的虹彩过渡，光影灵动，是制作科幻模型、潮玩及艺术饰品的视觉首选。



-  Nozzle Temp : 190-220°C
-  Bed Temp : 40-60°C
-  Nozzle : 0.2 / 0.4 / 0.6mm
-  Diameter : 1.75±0.02mm
-  M.V.S : 8-12 mm<sup>3</sup>/s
-  N.W : 1000g

# Environment Friendly Biodegradable

Add More Than 30% Real Wood Fiber



No Blocking



Easy to Remove



No Bubble



Precise Dimension



Less Stringing



No Warping

**STing 3D**  
Professional Filament Manufacturer

## PLA Wooden

Wood PLA is a blend of biodegradable PLA and genuine wood fibers. It offers an authentic wood-like texture and natural scent, featuring a unique matte finish that masks layer lines. Notably, it can be sanded, stained, and painted just like real wood. You can even vary the printing temperature to mimic natural grain gradients, making it the ultimate choice for home decor and artistic crafts.

木质 PLA 由生物可降解聚乳酸与真实木质纤维混合而成。它不仅拥有自然的木质质感与清香，打印表面更呈现独特的哑光质感，能有效隐藏层纹。最独特的是，它可以像真木一样进行打磨、上漆和染色，甚至通过调整打印温度来模拟木材的深浅年轮效果，是家居饰品与工艺品的绝佳选择。



Nozzle Temp : 190-220°C



Bed Temp : 40-60°C



Nozzle : 0.4 / 0.6mm



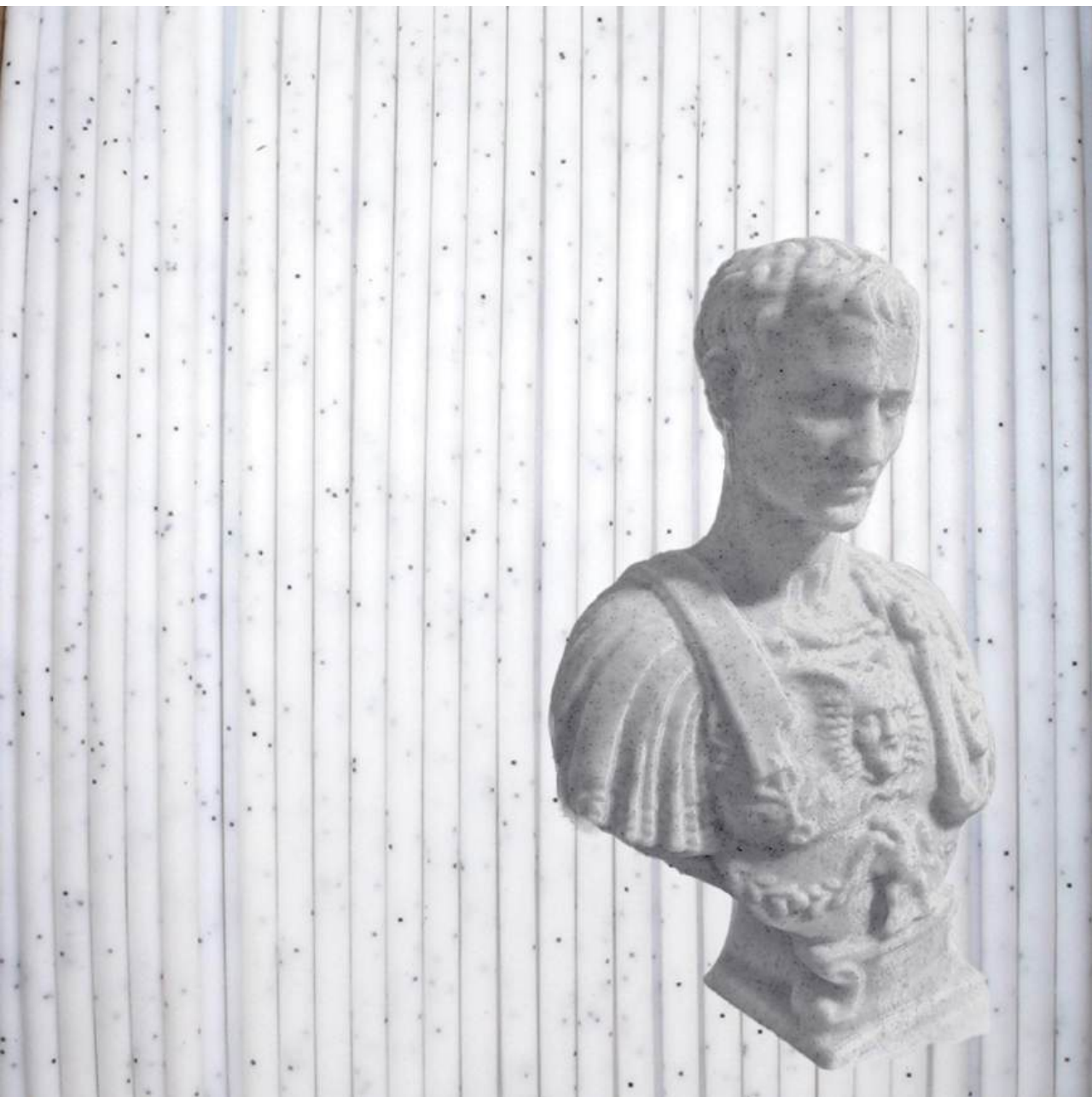
Diameter : 1.75±0.03mm



M.V.S : 8-12 mm³/s



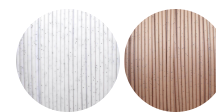
N.W : 1000g



## PLA Marble

Marble PLA infuses high-quality resin with subtle speckles to replicate the authentic natural stone texture. It maintains PLA's exceptional printability and low warping, featuring a matte finish that effectively conceals layer lines. It is the ideal choice for vintage sculptures, architectural models, and artistic ornaments, giving your 3D prints a sophisticated, stony aesthetic.

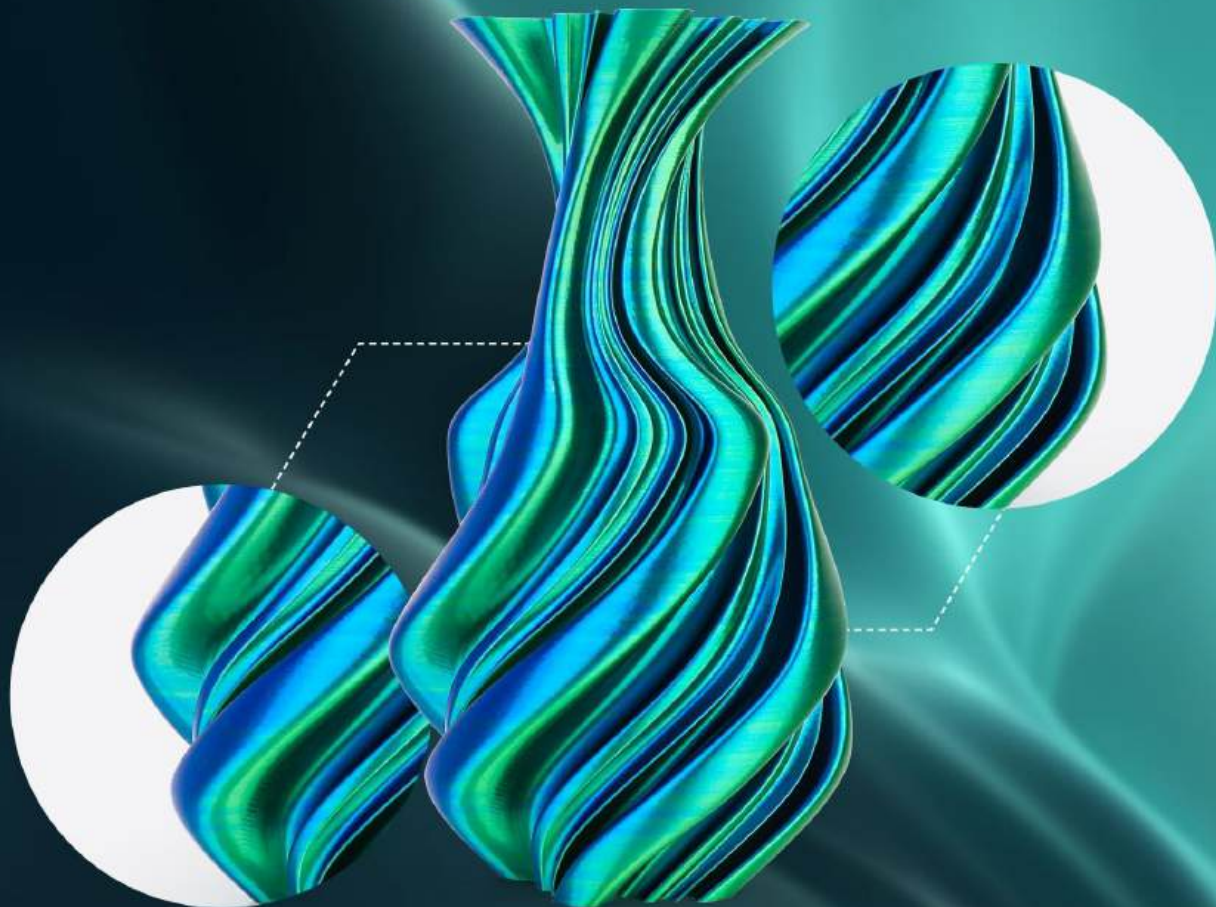
大理石 PLA 在优质基材中融入了微小颗粒，能完美还原天然石材的岩石质感。它延续了 PLA 易打印、不翘曲的特性，独特的哑光饰面能极好地遮盖打印层纹。这种耗材是打印复古雕塑、建筑模型及艺术摆件的首选，能赋予作品一种天然石质的厚重美感。



-  Nozzle Temp : 190-220°C
-  Bed Temp : 40-60°C
-  Nozzle : 0.4 / 0.6mm
-  Diameter : 1.75±0.03mm
-  M.V.S : 9-12 mm<sup>3</sup>/s
-  N.W : 1000g

# Eye-Catching & Smooth Finish

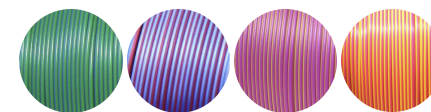
Gorgeous shiny silk 3D printing surface



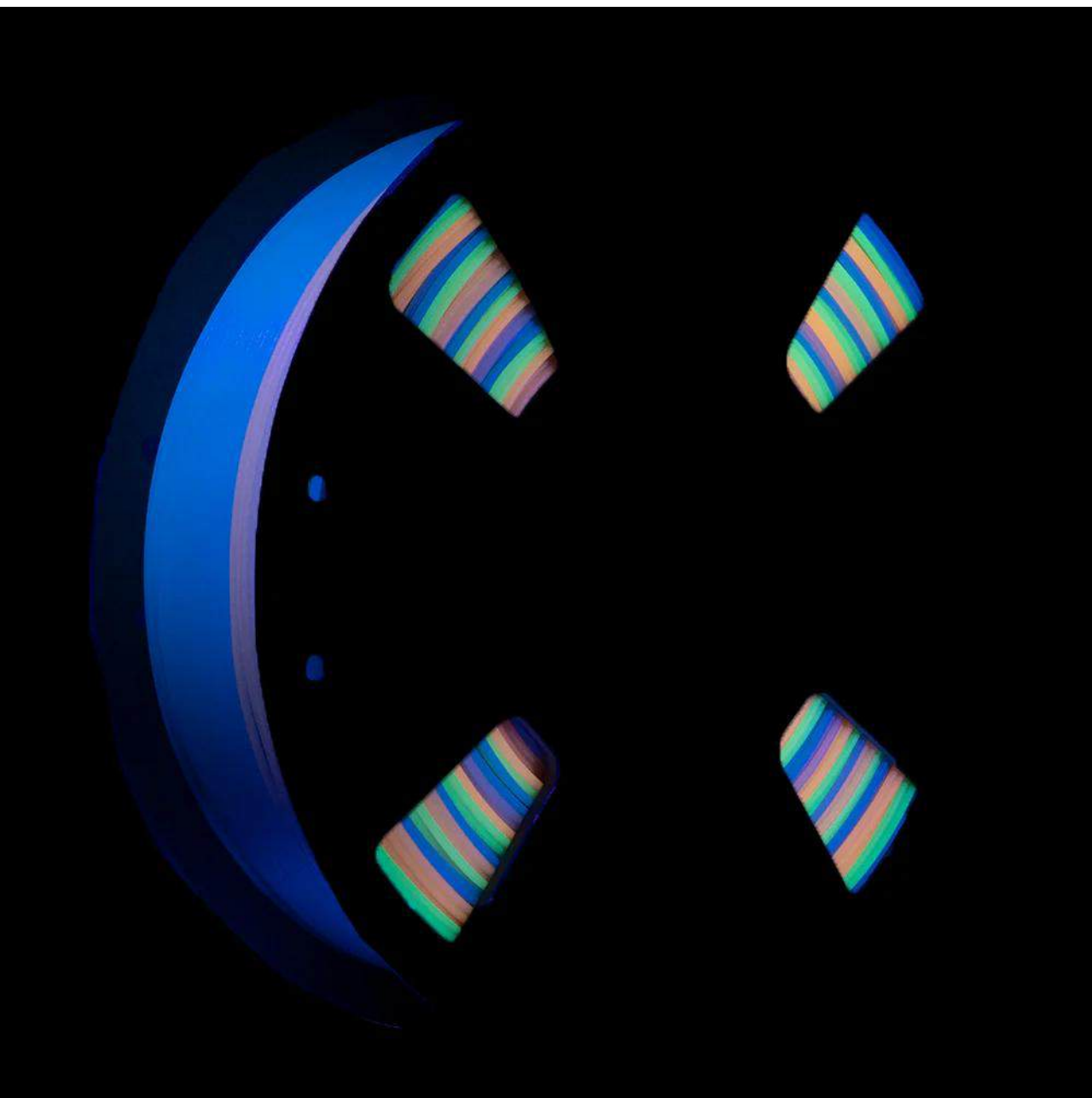
## PLA Silk Dual Color

Silk Dual-Color PLA blends high-gloss aesthetics with co-extrusion technology. It features a stunning silky luster, creating a mesmerizing color-shift effect as the model rotates. Maintaining PLA's exceptional ease of use and low warping, its vibrant dual tones hide layer lines effectively. It is the ultimate choice for jewelry, designer toys, and artistic creations seeking a luxurious finish.

丝绸双色 PLA 将高光泽质感与双色共挤技术完美结合。它具备迷人的丝绸亮面，打印件会随观察视角转动呈现出动态的幻彩变色效果。它继承了 PLA 易打印、不翘曲的优点，且高亮表面能极好地掩盖层纹，是制作精美饰品、潮流玩家及艺术摆件的视觉系首选。



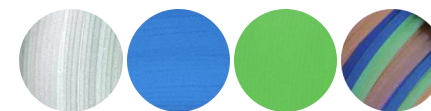
-  Nozzle Temp : 220-240°C
-  Bed Temp : 40-60°C
-  Nozzle : 0.4 / 0.6mm
-  Diameter : 1.75±0.03mm
-  M.V.S : 9-12 mm<sup>3</sup>/s
-  N.W : 1000g



## PLA Luminous

Glow-in-the-Dark PLA infuses standard resin with long-afterglow phosphorescent pigments, enabling it to absorb light and glow in darkness. It maintains PLA's exceptional ease of printing and low shrinkage, making it the top choice for Halloween props, night markers, and sci-fi effects. Note: Due to its abrasive nature, using a hardened steel nozzle is recommended to prevent wear.

夜光 PLA 在标准聚乳酸中加入了发光粉，使其具备吸光蓄能、暗处自发光的奇幻效果。它继承了 PLA 易打印、低收缩的优点，是制作万圣节周边、夜间标识及科幻模型特效的绝佳选择。注意：由于内含研磨颗粒，建议使用硬化钢喷嘴打印以延长设备寿命。



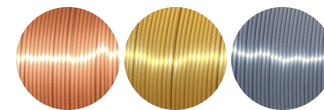
-  Nozzle Temp : 190-220°C
-  Bed Temp : 40-60°C
-  Nozzle : 0.4 / 0.6mm
-  Diameter : 1.75±0.03mm
-  M.V.S : 9-12 mm<sup>3</sup>/s
-  N.W : 1000g



## PLA Silk

Silk PLA stands out with its extraordinary high-gloss finish and metallic silky luster. It retains the exceptional ease of use and low warping of standard PLA while its reflective surface effectively hides layer lines, adding luxurious visual depth to every print. It is the premier choice for elegant vases, artistic ornaments, and high-end display models.

丝绸 PLA 以其卓越的高光泽度和类金属的丝绸质感脱颖而出。它继承了标准 PLA 易打印、不翘曲的优点，其独特的反光效果能完美隐藏打印层线，赋予作品奢华的视觉深度。它是制作精美花瓶、艺术摆件及各类展示性模型的颜值首选。



-  Nozzle Temp : 190-220°C
-  Bed Temp : 40-60°C
-  Nozzle : 0.2 / 0.4 / 0.6mm
-  Diameter : 1.75±0.02mm
-  M.V.S : 8-12 mm<sup>3</sup>/s
-  N.W : 1000g



# PLA Matte

Matte PLA is renowned for its elegant low-gloss finish and superior surface quality. It maintains the exceptional printability and low warping of standard PLA, while its unique light-diffusing effect effectively conceals layer lines. This creates a sophisticated, premium texture similar to ceramic or industrial plastics, making it the perfect choice for home decor, display models, and professional prototypes.

哑光 PLA 以其优雅的低光泽质感和卓越的表面表现力著称。它保留了 PLA 易打印、低收缩的优点，独特的漫反射效果能完美遮盖打印层线，赋予作品一种陶瓷般细腻或工业级的高端质感。它是制作简约家居、展示模型及专业原型样件的理想选择。



Nozzle Temp : 190-220°C



Bed Temp : 40-60°C



Nozzle : 0.2 / 0.4 / 0.6mm



Diameter : 1.75±0.02mm



M.V.S : 8-12 mm<sup>3</sup>/s



N.W : 1000g





## PLA Rainbow

Gradient PLA (Rainbow PLA) is celebrated for its mesmerizing multi-color transitions and smooth color shifts. It offers a cycling palette within a single spool, ensuring every print is a one-of-a-kind masterpiece. Retaining PLA's exceptional ease of use and low warping, it delivers vibrant artistic effects without post-processing. It is the ultimate choice for creative gifts, designer toys, and home decor.

渐变 PLA 以其迷人的多色跨度和平滑的色彩过渡著称。它在单卷耗材中实现了循环变色，使每个打印件都拥有独一无二的视觉效果。它继承了 PLA 易打印、低收缩的优点，无需后处理即可获得绚丽的艺术表现，是制作创意礼品、潮玩及家居装饰的绝妙选择。



Nozzle Temp : 190-220°C



Bed Temp : 40-60°C



Nozzle : 0.4 / 0.6mm



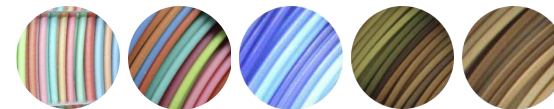
Diameter : 1.75±0.02mm



M.V.S : 8-12 mm³/s



N.W : 1000g





## TPU 95A

TPU (Thermoplastic Polyurethane) is a premium flexible filament known for its high elasticity and superior abrasion resistance. It allows parts to bend and stretch while maintaining excellent impact strength. With its outstanding oil and chemical resistance, it is the ultimate choice for phone cases, gaskets, flexible hinges, and shock-absorbing components.

TPU 是一种卓越的柔性弹性耗材。它具备高伸长率、极佳的耐磨性和出色的抗冲击力，打印件可任意弯折并迅速恢复原状。凭借其优异的耐油与耐化学性，它是制作手机壳、密封垫圈、柔性铰链及各类减震功能件的理想选择。



Nozzle Temp : 220-240°C



Bed Temp : 50-60°C



Nozzle : 0.4 / 0.6mm



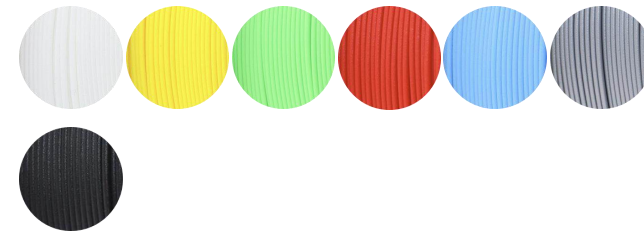
Diameter : 1.75±0.03mm



M.V.S : 3.6-4 mm³/s



N.W : 1000g

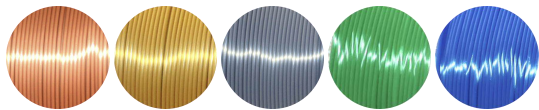




# Silk TPU 95A

Silk TPU perfectly blends exceptional elasticity with a luxurious satin-like luster. It retains TPU's core strengths of impact and abrasion resistance while introducing a shimmering finish that effectively masks layer lines. This makes it the ultimate choice for high-end wearables, stylish phone cases, and flexible artistic models that require both durability and a premium aesthetic.

丝绸质感 TPU 完美结合了卓越的高柔韧性 with 奢华的金属丝绸光泽。它继承了 TPU 抗冲击与耐磨的物理特性，同时具备迷人的高反光表面，能完美遮盖打印层线。无论是制作高端穿戴设备、时尚手机壳还是柔性艺术品，它都能赋予作品灵动的视觉深度与高级感。



- 🔥 Nozzle Temp : 220-250°C
- 🔥 Bed Temp : 40-60°C
- 🔥 Nozzle : 0.4 / 0.6mm
- 🔥 Diameter : 1.75±0.03mm
- 🔥 M.V.S : 3-6 mm<sup>3</sup>/s
- 🔥 N.W : 1000g



## PETG Pro

PETG is a high-performance filament that blends the ease of printing of PLA with the durability and heat resistance of ABS. It features superior layer adhesion, exceptional impact strength, and excellent weather resistance, all with minimal shrinking or warping. With its outstanding chemical resistance and food-safety potential, it is the ultimate balanced choice for mechanical parts, outdoor gear, and translucent containers.

PETG 是一种兼具 PLA 易打印性与 ABS 坚韧耐热的高性能耗材。它具备卓越的层间结合力、极佳的耐冲击性及优异的耐候性，且不易收缩或翘曲。凭借其出色的化学抗性和食品接触安全性，它是制作机械零件、户外用品及半透明容器的理想平衡之选。



Nozzle Temp : 240-260°C



Bed Temp : 60-70°C



Nozzle : 0.2 / 0.4 / 0.6mm



Diameter : 1.75±0.02mm



M.V.S : 10-12 mm³/s



N.W : 1000g





## ABS Pro

ABS is an engineering-grade filament renowned for its high strength, impact resistance, and superior heat endurance. It offers excellent machinability and supports acetone vapor smoothing for a professional, glossy finish. While it requires a heated bed and an enclosure to manage shrinkage and warping, its exceptional durability makes it the premier choice for industrial prototypes, automotive parts, and functional components.

ABS 是一种以高强度、耐冲击和卓越耐热性著称的工程级耗材。它具有极佳的机械性能，支持打磨、钻孔，并能通过丙酮抛光实现镜面般的平滑效果。虽然打印时需要加热底板与封闭空间以防止翘曲，但其出色的耐用性使其成为工业原型、汽车内饰及功能性零件的首选。



Nozzle Temp : 250-270°C



Bed Temp : 80-100°C



Nozzle : 0.4 / 0.6mm



Diameter : 1.75±0.03mm



M.V.S : 10-12 mm³/s



N.W : 1000g





# PEEK

Sting3D PEEK has excellent adhesion & ISO 10993 bio-compatibility PEEK filament greatly improve the impact resistance, strength, and durability of prototypes. Proven precise electrical/electronic parts application. Suitable also for aerospace, automotive, chemical and medical industries.

PEEK (Polyether Ether Ketone) represents the "pinnacle of performance" in 3D printing filaments. It features extraordinary thermal stability (continuous service up to 260°C), superior chemical resistance, and mechanical strength comparable to metals. Its excellent self-lubrication and biocompatibility make it indispensable for aerospace, automotive, and medical implant applications. Requiring nozzle temperatures over 400°C and a heated chamber, it is the ultimate choice for high-end industrial manufacturing.

Sting3D PEEK 具有出色的附着力和 ISO 10993 生物兼容性，可大大提高原型的抗冲击性、强度和耐用性。经证实可用于精密电气/电子零件。还适用于航空航天、汽车、化工和医疗行业。

PEEK 是 3D 打印耗材中的“性能巅峰”。它具备极高的耐热性（连续使用温度高达 260 °C）、卓越的化学稳定性及足以媲美金属的机械强度。其出色的自润滑性和生物相容性使其在航空航天、汽车工业及医疗植入物领域无可替代。由于打印需 360 °C 以上高温及受控恒温仓，它是顶尖工业应用的终极选择。



-  Nozzle Temp : 360-440°C
-  Bed Temp : 120-180°C
-  Nozzle : 0.4 / 0.6mm
-  Diameter : 1.75±0.03mm
-  Chamber Temp: 90°C-200°C
-  N.W : 1000g

## YOUR PARTNER IN BUSINESS

As a trusted filament manufacturer with extensive experience serving large-scale clients, we are dedicated to building long-term partnerships founded on mutual trust, flexibility, and the ability to adapt to personalized needs. We offer more than just high-quality products—we provide comprehensive support to help your business grow and thrive at every stage of our collaboration. Partnering with us ensures a professional approach, full commitment, and the reliability you need to achieve your business goals.

作为一家可靠、拥有服务大型客户经验的3D打印耗材制造商，我们致力于与客户建立基于互相信任、灵活性和适应个性化需求的长期合作伙伴关系。我们提供的不仅仅是高质量的产品，还包括全面的支持，帮助您的企业在合作的各个阶段不断发展壮大。与我们合作可确保您获得专业的方法、全面的承诺和可靠性，从而实现您的业务目标。

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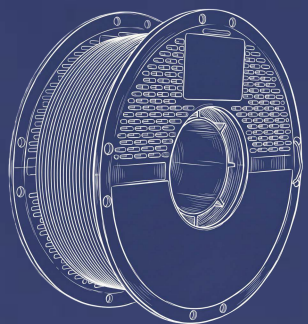




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BLESSINGS & GOOD WILL





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