

Product Description

iBOSS 3D Printing High Rigidity PLA+ Filament 1.75mm Silk Rose Red Gold Silver Copper 3d Printing Filament

Unrivaled Material Quality

Our PLA+ filament is a cut above the rest. It offers enhanced adhesion, ensuring your prints hold together firmly. With increased strength and improved toughness, it resists breakage and cracking during and after printing. Made from non-toxic, odorless, and eco-friendly virgin materials sourced from renewable plants, it's both safe and sustainable.

Impeccable Dimensional Accuracy

Featuring a diameter tolerance of ± 0.02 mm, this 1.75mm filament guarantees smooth and consistent feeding through your 3D printer. This precision results in stable prints with a remarkable surface finish. Each roll weighs 1 kg (2.2 lbs), providing ample material for your creative endeavors.

User - Friendly Printing

The iBOSS PLA+ filament is designed for hassle-free use. It melts evenly within the recommended temperature range of 190 - 230 °C and feeds smoothly at a print speed of 50 - 100 mm/s. Free from bubbles, tangles, and clogs, it minimizes the risk of nozzle jams. The filament comes in vacuum-sealed packaging with a desiccant bag to keep it dry and dust-free, maintaining its quality until you're ready to print.

Versatile Compatibility

Compatible with most FDM 3D printers, whether you own a Prusa, Makerbot, Ultimaker, or other popular models, the iBOSS 3D Printing High Rigidity PLA+ Filament is your go-to choice for adding a touch of elegance and sophistication to your 3D-printed creations. Let your imagination run wild and bring your ideas to life with this remarkable filament.



-  NO BUBBLE
-  PRINT SMOOTH
-  HIGH TOUGHNESS
-  TOLERANCE IS SMALL
-  NEAT ROWS
-  EDGE INVARIANCE



3D FILAMENT

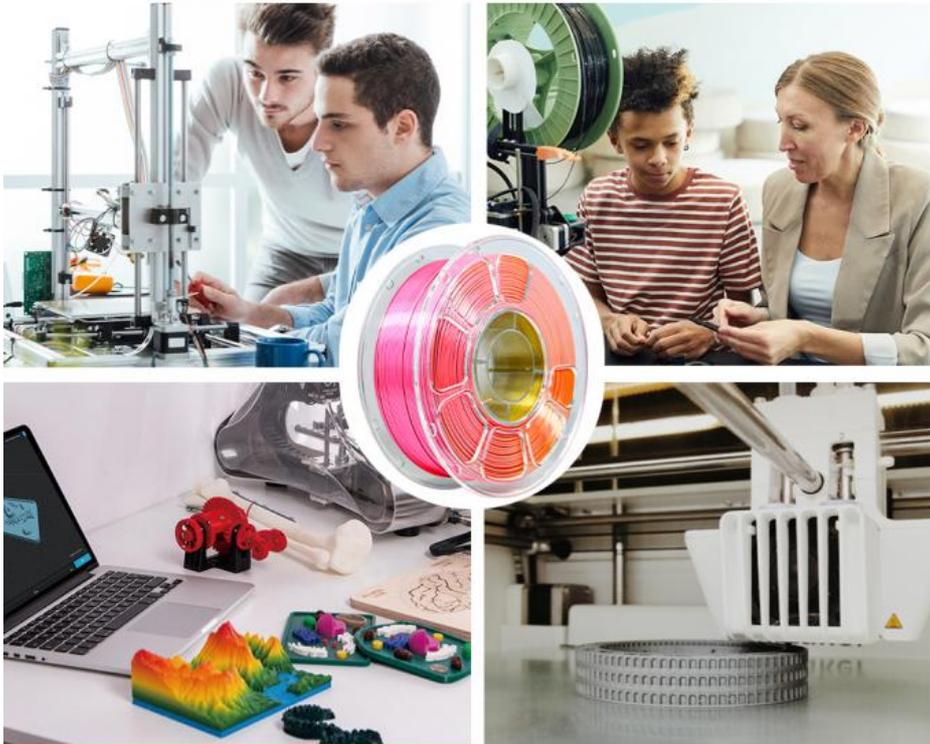
ENVIRONMENTALLY FRIENDLY

NON-TOXIC AND HARMLESS DEGRADABLE



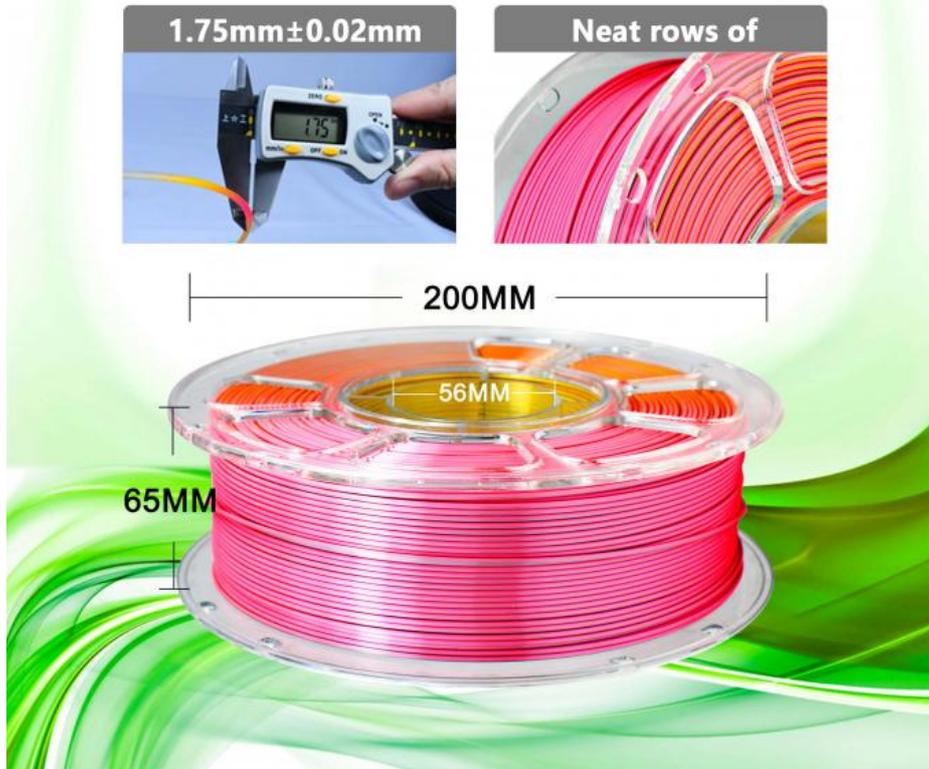


**SUITABLE FOR ALL
3D PRINTERS ON THE MARKET**



Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.



Model	PLA+
Net Weight (KG)	1KG
Gross weight	1.3KG
Packing box size	200×200×64mm
Color	Silk Rose Red Gold Silver Copper
Diameter(mm)	1.75mm
Tolerance(mm)	±0.02mm
Print Temperature (°C)	200-230°C
Base plat Temperature (°C)	60°C
Density	1.23±0.05g/cm ³
Printing Speed	40-100m
Melt Index	14-18g/10min (190°C, 2.16kg)
Bubble	100% without bubble
Length of Line (Ø 1.75±0.2mm)	1.75mm=330m
Tensile strength	≥62Mpa
Flexural modulus	1970 Mpa
Izod Notch Impact Strength	7KJ/m ²
Elongation at Break	52 or 53 (°C, 0.45Mpa)
Hydroscopicity	0.005
Reel Size	Ø20.0cm * 6.4cm H

About us



Qingyuan iBOSS Intelligent Technology Co., Ltd. is a high-tech enterprise specializing in the R & D, production and sales of 3D printing consumables and 3D printers. The company is committed to the development and application of 3D printing materials. With the mission of "developing green and environment-friendly 3D printing materials and promoting human sustainable development", the company is committed to enabling intelligent manufacturing with material technology and providing better product and service experience for users in the global 3D printing industry

QINGYUAN iBOSS INTELLIGENT TECHNOLOGY CO., LTD.

It is an international team full of enthusiasm for 3D printing. We produce the best 3D printing materials by controlling each stage of production. With a diverse portfolio of materials from high-performance plastics to unique aesthetic solutions, polymaker will continue to add cutting-edge materials to its growing portfolio. Adhering to the corporate philosophy of "integrity, focus, innovation and pragmatism", while striving for the company, the company continues to forge ahead and strive to promote the innovative development of the world's 3D printing industry.



PRODUCTION ABILITY

We have the most advanced equipment and the most professional technicians to produce the best products.

Factory scale
2400m²

Experience
30+ YEARS

Our team
55+



WHY CHOOSE US ?

Qingyuan iBOSS Intelligent Technology Co., Ltd.



- SERVICE** Professional team to provide you with efficient service.
- QUALITY** With strict quality control system, quality first
- ODM&OEM** We have more than 30 years of OEM and ODM experience
- FACTORY SCALE** We have 400 square meters for this office and 2,000 square meters for the factory



Certifications



iBOSS Qingyuan Iboss Smart Technology Co., Ltd.

☎ 0086 15116273361 ✉ manager2@iboss3d-export.com 🌐 iboss3d-export.com

2nd Floor, Decheng Technology Park, No.42 Shilong Road, Shijiao Town, Qingcheng District, Qingyuan, Guangdong Province, China