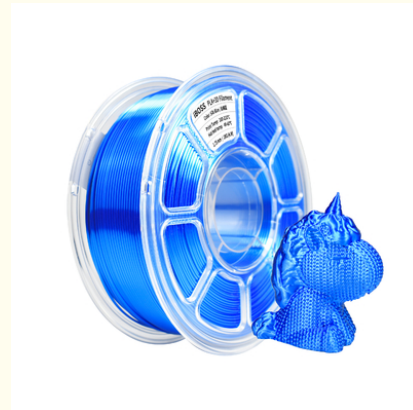


## iBOSS High Rigidity 3D Printing Filament 1.75mm Silk Blue 3D Printer 1000g Spool

Our Product Introduction

### Basic Information

- Place of Origin: Qingyuan,china
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PLA+Silk Single
- Minimum Order Quantity: 48kg/rolls
- Price: US\$8
- Packaging Details: 1KG/PCS, packed into a 30\*35CM PU vacuum shrink bag, 12 corrugated aircraft CTNs(21.5\*20.5\*6.9CM) in a 43.1\*23.2\*43CM box,
- Delivery Time: 5-7days
- Payment Terms: L/C,D/A,D/P,T/T,
- Supply Ability: 10000000kg

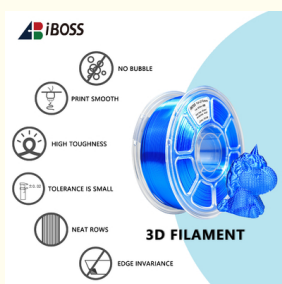


### Product Specification

- Tolerance: +/- 0.02mm
- Print Speed: 50-100mm/s
- Color: Silk Blue
- Outer Packing: Carton
- Hs Code: 3916909000
- Currency: US\$



### More Images



for more products please visit us on [iboss3d-export.com](http://iboss3d-export.com)

## Product Description

### iBOSS High Rigidity 3D Printing Filament 1.75mm Silk Blue 3D Printer 1000g Spool

#### Superior Material Composition

Made from high - quality PLA+ material, this filament offers enhanced rigidity compared to standard PLA. It ensures prints are strong and durable, perfect for functional prototypes or long - lasting art pieces. The material is non - toxic and environmentally friendly, sourced from renewable resources, making your 3D printing endeavors guilt - free.

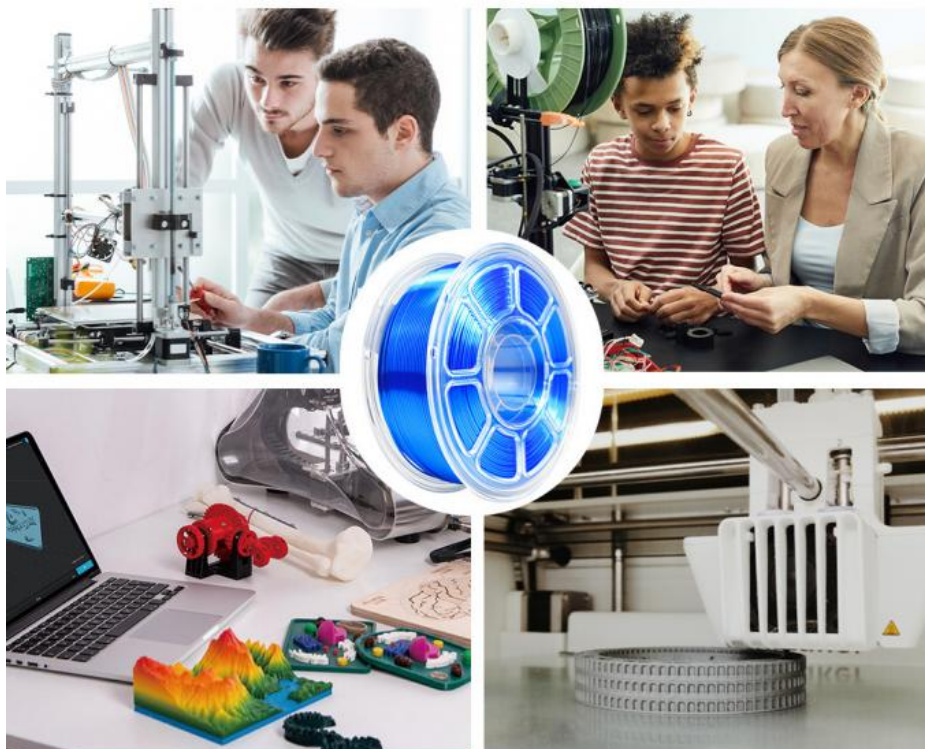
#### Precise Dimensional Accuracy

With a diameter of 1.75mm and a tolerance of  $\pm 0.02\text{mm}$ , our filament guarantees smooth and consistent feeding through your 3D printer. This precision leads to stable prints with a remarkably smooth surface finish. You can trust that each layer will be laid down evenly, resulting in a professional - looking final product.

#### Optimal Printing Conditions

The iBOSS Silk Blue filament is easy to work with. It has a recommended printing temperature range of 190 - 230 °C and can be printed at speeds between 40 - 100 mm/s. This wide range allows for flexibility, depending on your printer model and the complexity of your design. It melts well and extrudes smoothly, reducing the risk of clogs and ensuring a seamless printing process.

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



# APPLICATION

Work for 99% FDM 3D Printer & 3D Pen



## THE CHOICE OF "STRONG AND TOUGH"



● Slightly bent: consumables constantly



● Bend half: consumables constantly



● On bending: consumables constantly



# Product Features

## 01 High Toughness

Compared with PLA, the toughness is greatly improved; No Cracking, Minimal Warping



## 02 High Quality

Retains all the advantages of PLA; No Bubble, No Clogging



## 03 Eco-friendly Non-toxic

Made of eco-friendly biodegradable raw materials, Little Odor, Non harmful

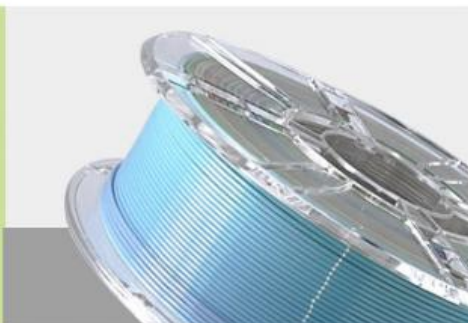


## 04 Low warping

Low warping, stable in performance, suitable for printing large models

## 05 Easy to operate

Can be printed directly without heated build platform



Net Weight (KG)	1KG
Gross weight	1.3KG
Packing box size	200×200×64mm
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/cm3
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/m2
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  
**2400m<sup>2</sup>**

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



**iBOSS** Qingyuan iBoss Smart Technology Co., Ltd.

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