

## iBOSS 3D Printer PLA+ Filament, Dual Color Changing with Temperature, Pine Orange to Yellow 1.75mm (+/-0.03mm), 2.2LBS(1KG)

### Our Product Introduction

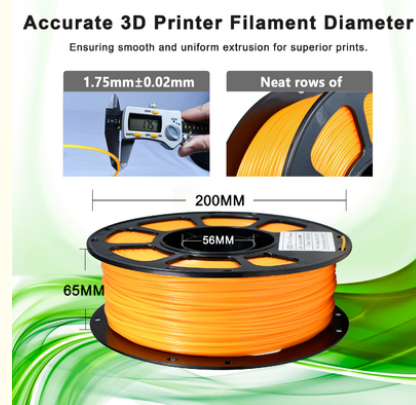
#### Basic Information

- Place of Origin: Qingyuan, China
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PLA+
- Minimum Order Quantity: 48kg/rolls
- Price: US\$13
- 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: 5-7 days
- Payment Terms: L/C, D/A, D/P, T/T,
- Supply Ability: 10000000kg



#### Product Specification

- Wire Diameter: 1.75mm/3.00mm
- Package Size: 21.00cm \* 21.00cm \* 7.00cm
- Printing Speed: 50-60mm/s
- Tensile Strength: 60MPa
- Suitable For: Desktop Printer
- Bubble: 100% Without Bubble



#### More Images



## Product Description

### iBOSS 3D Printer PLA+ Filament, Dual Color Changing with Temperature, Pine Orange to Yellow 1.75mm (+/-0.03mm),2.2LBS(1KG)

The iBOSS 3D Printer PLA+ Filament is a game - changer for 3D printing. This 1.75mm filament, weighing 2.2LBS (1KG), features a unique dual - color change from pine orange to yellow as the temperature varies.

Made from high - quality PLA+ material, it's an upgrade over standard PLA. It offers enhanced adhesion, high strength, and better toughness, ensuring your prints are durable. With a diameter tolerance of +/- 0.03mm, it provides consistent feeding, resulting in stable and precise prints.

It's also easy to use, with no clogs, bubbles, or tangles. Recommended print temperature ranges from 190 - 230 °C. Vacuum - sealed with a desiccant bag, it stays dry and dust - free. Compatible with most FDM 3D printers, it's perfect for hobbyists and pros to add an interactive and colorful touch to their 3D creations.



# ENVIRONMENTALLY FRIENDLY

NON-TOXIC AND HARMLESS DEGRADABLE

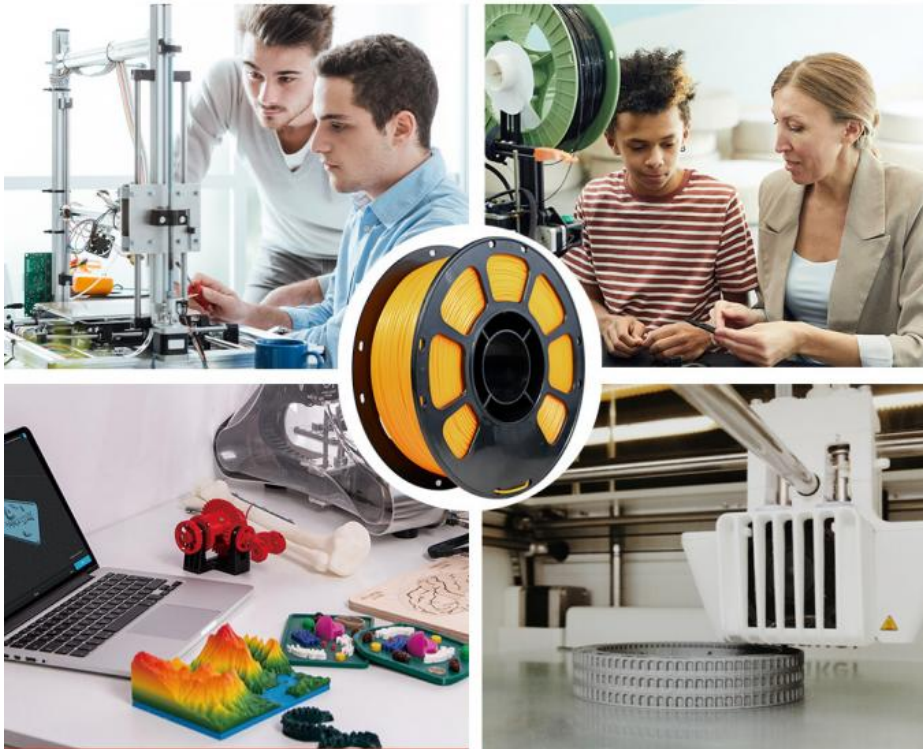


**3D FILAMENT**

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



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



## **PRODUCT FEATURES**

### **IMPORTED RAW MATERIALS**

Use imported superior raw materials  
Standardized manufacturing process  
The production quality is guaranteed



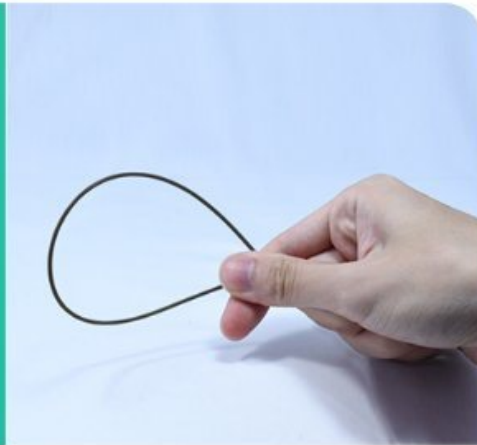
### **HIGH QUALITY**

High quality ensures the efficiency  
of operation, PLA: No Bubble, No  
Clogging



## HIGH TOUGHNESS

Compared with pla,the toughness is greatly improved:  
No Cracking,Minimal Warping



## Eco-friendly Non-toxic

Using natural degradable raw materials,Environmental protection,  
non-toxic and harmless

## SIMPLE OPERATION

Can be printed directly without  
heated build platform



## Low warping

Low warping, stable and efficient  
suitble for printinglarge models

Model	PLA+
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



## Certifications



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

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