

iboss High Toughness PLA+ 3D Printer Filament 1.75mm Mark Pink

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\$7/roll
- 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

- Melt Flow Index: 5-10g/10min (190°C/2.16kg)
- Net Weight: 1kg
- Type: PLA+
- Tolerance: +/- 0.02mm
- Printing Speed: 50-100mm
- Filament Diameter: 1.75mm
- Highlight: iboss PLA+ 3D filament high toughness, 1.75mm PLA+ filament mark pink, high toughness PLA+ printer filament

Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.



More Images



Product Description

iboss High Toughness PLA+ Filament Mark Pink 1.75mm FDM Forming Technology 3D Printing Filament

Product Attributes

Attribute	Value
Melt Flow Index	5-10g/10min (190°C/2.16kg)
Net Weight	1kg
Type	PLA+
Tolerance	+/- 0.02mm
Printing Speed	50-100m
Filament Diameter	1.75mm

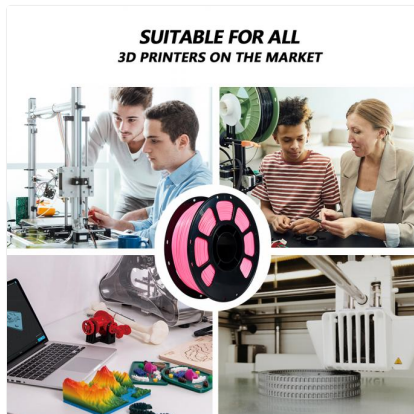
Product Description

The iboss High Toughness PLA+ Filament in Mark Pink is a premium 1.75mm diameter filament designed for FDM 3D printing technology. This advanced material is formulated with plant-based polylactic acid (PLA+) polymers, offering an eco-friendly, non-toxic, and odorless printing solution.

Key Features:

- Enhanced toughness and strength compared to standard PLA filaments
- Precise dimensional accuracy ($\pm 0.02\text{mm}$) for consistent feeding and stable prints
- Low shrinkage rate for dimensional stability
- Excellent bed adhesion with no heated bed required in most cases
- Optimal print temperature range: 190°C - 230°C
- Compatible with most FDM 3D printers





Technical Specifications

Specification	Value
Model	PLA+
Net Weight	1KG
Gross Weight	1.3KG
Packing Box Size	200×200×64mm
Available Colors	Rose Red, Gold, Silver, Copper
Diameter	1.75mm
Tolerance	±0.02mm
Print Temperature	200-230°C
Base Plate Temperature	60°C
Density	1.23±0.05g/cm³
Printing Speed	40-100m
Melt Index	14-18g/10min (190°C,2.16kg)

Bubble Formation	100% without bubble
Filament Length (Ø1.75±0.2mm)	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

PODUCT 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 suitable for printing large models

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.



Certifications



iBOSS Qingyuan iBoss Smart Technology Co., Ltd.



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