

iBOSS 3D Printer PLA+ Filament Matte Red 3d Printing Filament 1.75mm 3d Printing Filament

Our Product Introduction

Basic Information

- Place of Origin: Qingyuan, china
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PLA+Matte
- Minimum Order Quantity: 48kg/rolls
- Price: US\$8/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

- Print Temperature: 190-230
- Package Gross Weight: 1.400kg
- Filament Diameter: 1.75mm
- Spool Width: 55mm
- Package Size: 21.00cm * 21.00cm * 7.00cm
- State: Coiled
- Highlight: **PLA+ filament matte red, 3D printing filament 1.75mm, PLA filament with warranty**



More Images



for more products please visit us on iboss3d-export.com

Product Description

iBOSS 3D Printer PLA+ Filament Matte Red 1.75mm

Product Overview

The iBOSS 3D Printer PLA+ Filament in Matte Red, with a 1.75mm diameter, is a premium choice for 3D printing. Made from high-quality PLA+ material, it offers enhanced strength and toughness compared to regular PLA filaments.

This 1kg spool contains approximately 340-350m of filament. Its dimensional accuracy of $\pm 0.02\text{mm}$ ensures consistent feeding and stable prints. The matte red finish gives prints a unique, sophisticated look while hiding layer lines for a smooth surface.

Key Attributes

Attribute	Value
Print Temperature	190-230
Package Gross Weight	1.400kg
Filament Diameter	1.75mm
Spool Width	55mm
Package Size	21.00cm × 21.00cm × 7.00cm
State	Coiled

Product Features

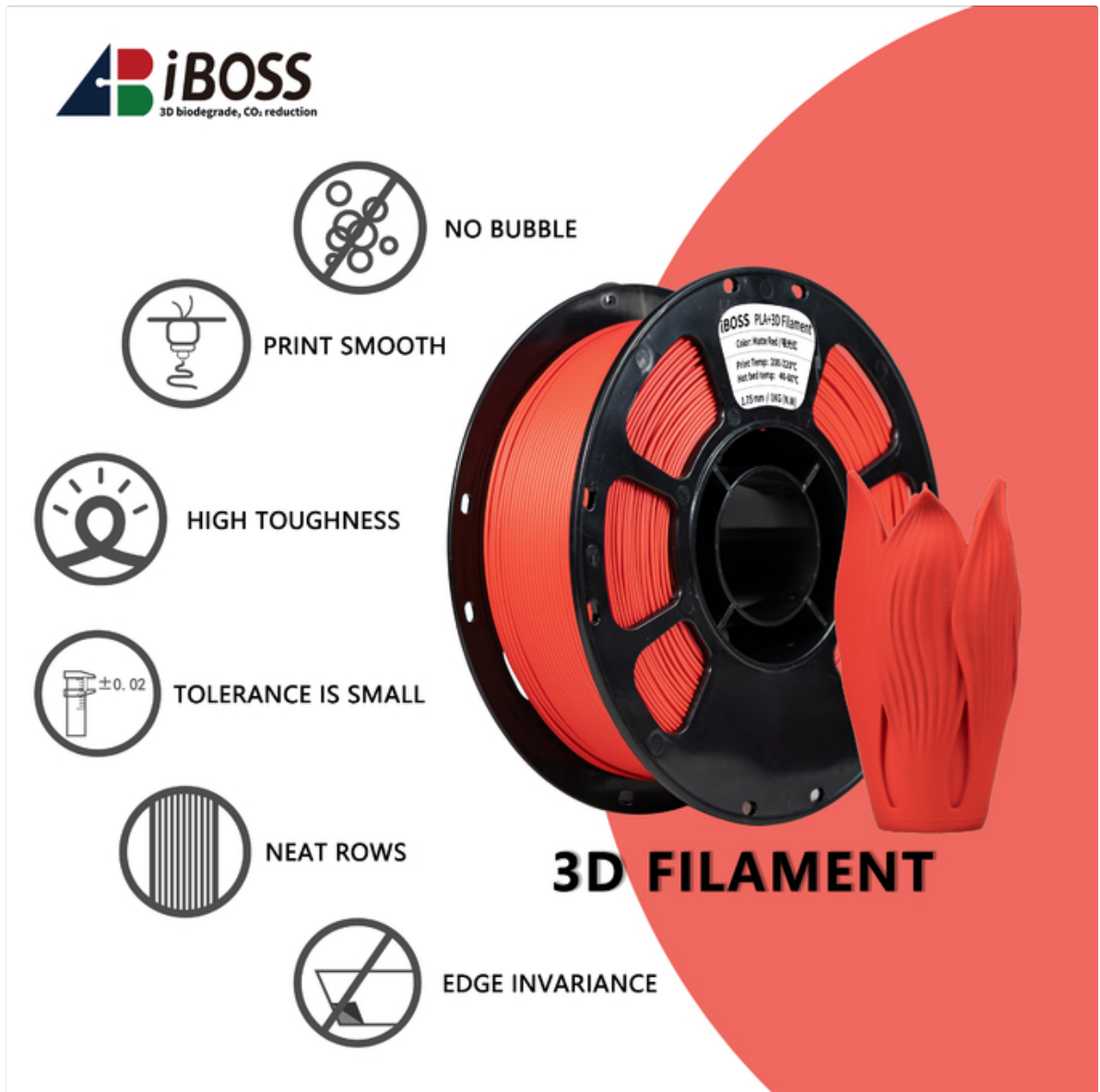
- Easy to use - tangle-free, bubble-free, and clog-free
- Recommended print temperature: 210-230
- Eco-friendly, non-toxic, and odorless during printing
- Compatible with most FDM 3D printers
- Enhanced strength and toughness compared to regular PLA

Technical Specifications

Model	PLA+
Net Weight (KG)	1KG
Gross weight	1.3KG
Packing box size	200×200×64mm
Diameter(mm)	1.75mm
Tolerance(mm)	$\pm 0.02\text{mm}$
Print Temperature (°C)	200-230°C
Base plat Temperature (°C)	60°C
Density	1.23 \pm 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/m2
Elongation at Break	52 or 53 (°C, 0.45Mpa)
Hydroscopicity	0.005
Reel Size	Ø20.0cm × 6.4cm H

Product Images



iBOSS
3D biodegrade, CO₂ reduction

NO BUBBLE

PRINT SMOOTH

HIGH TOUGHNESS

TOLERANCE IS SMALL (±0.02)

NEAT ROWS

EDGE INVARIANCE

3D FILAMENT

iBOSS PLA+10 Filament
Color: Water Red / 100g
Print Temp: 200-220°C
Hot bed temp: 60-80°C
1.75mm / 345.30m

APPLICATION

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



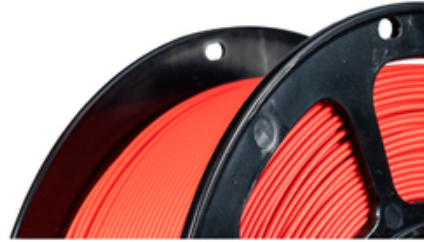
Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.

1.75mm±0.02mm



Neat rows of



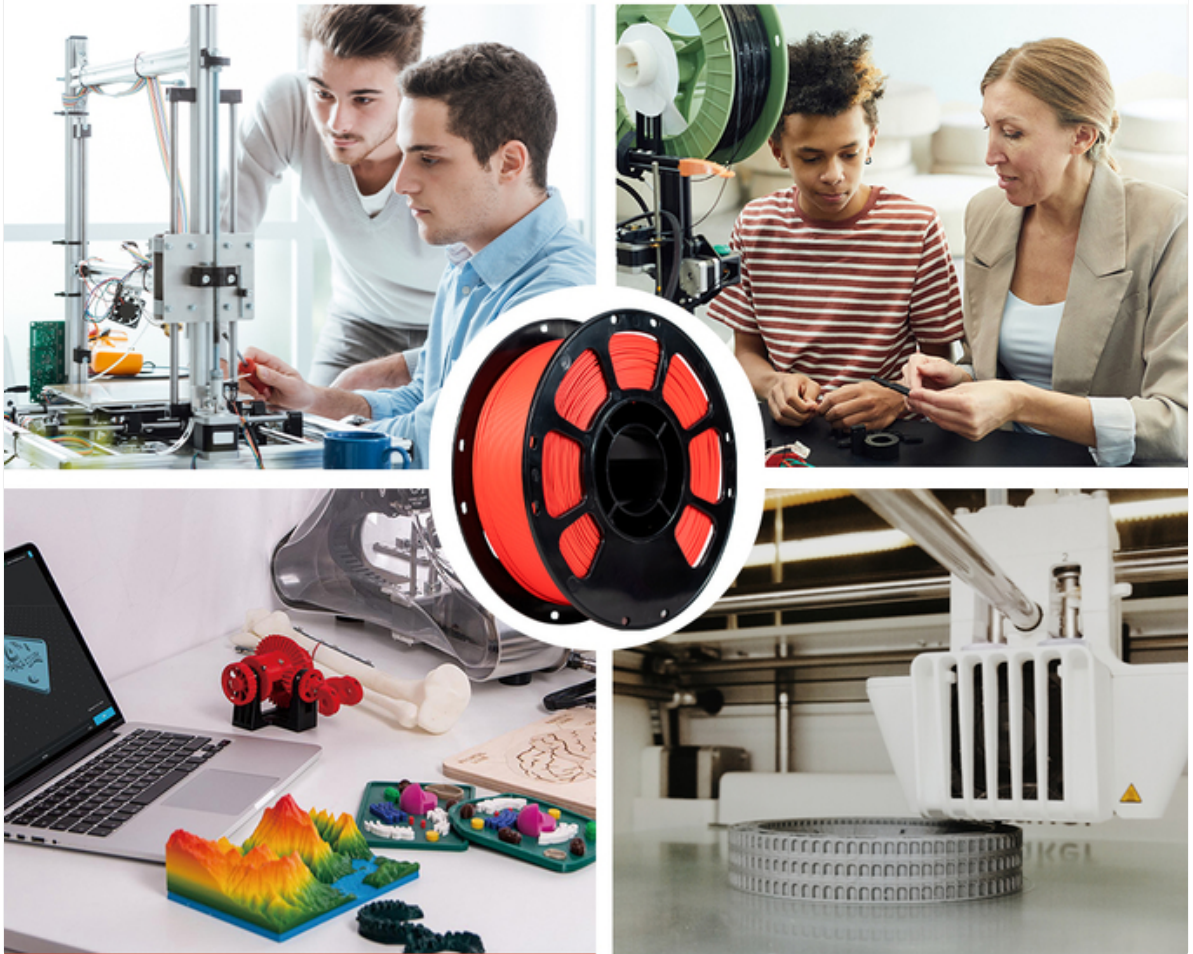
200MM

65MM

56MM



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



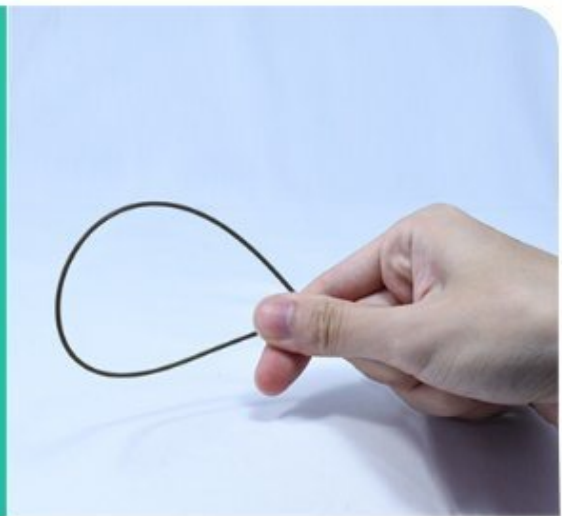


HIGH QUALITY

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
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.



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





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