

iboss 1.75mm Temperature Color Change Purple to Pink 1000g FDM Forming Technology 3d Printing Filament

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/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

- Bed Temperature: 60°C
- Tolerance: +/- 0.02mm
- Printing Technology: 3D Printing
- Forming Technology: FDM
- Filament Length: 330m
- Printing Speed: 40-100mm/s



More Images



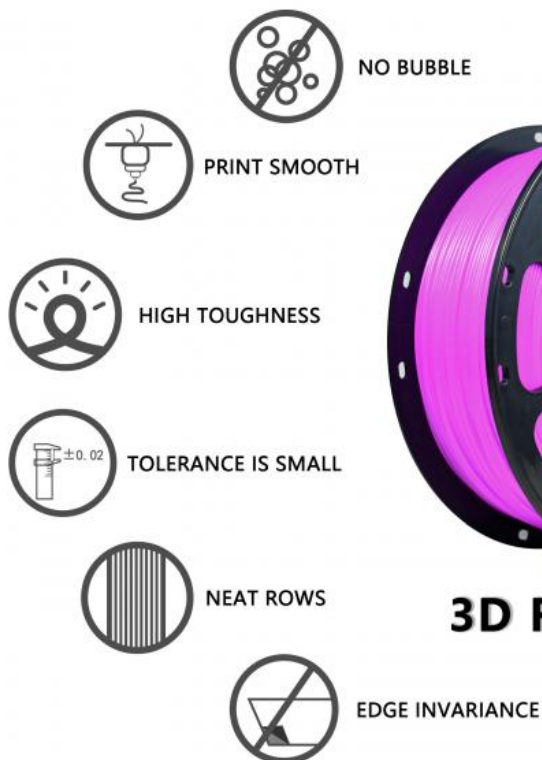
Product Description

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The **iboss 1.75mm Temperature Color Change Filament** offers a mesmerizing transition from **purple to pink** when exposed to temperature variations, adding dynamic visual effects to your 3D prints. Perfect for creative projects, prototypes, and educational models, this **1000g spool** ensures long-lasting usability.

Crafted with high-quality **FDM (Fused Deposition Modeling)** technology, this filament guarantees smooth extrusion, excellent layer adhesion, and minimal warping, compatible with most standard 3D printers. The **1.75mm diameter** provides precise printing, while the vibrant color shift occurs around **31–35°C (88–95°F)**, making it ideal for interactive designs.

Whether for artistic sculptures, temperature-sensitive indicators, or unique gadgets, the iboss color-changing filament combines **fun and functionality** in one innovative package. Elevate your 3D printing experience with this eye-catching, responsive material!



3D FILAMENT

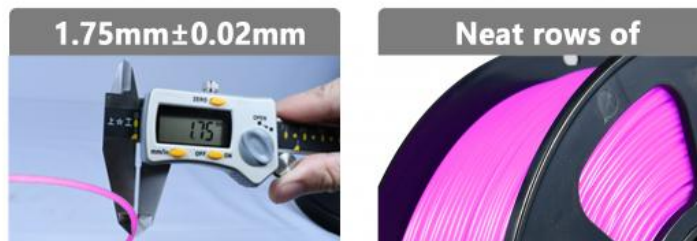
ENVIRONMENTALLY FRIENDLY

NON-TOXIC AND HARMLESS DEGRADABLE



Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.



THE CHOICE OF "STRONG AND TOUGH"



● Slightly bent: consumables constantly



● Bend half: consumables constantly



● On bending: consumables constantly

PRODUCT FEATURES

IMPORTED RAW MATERIALS

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



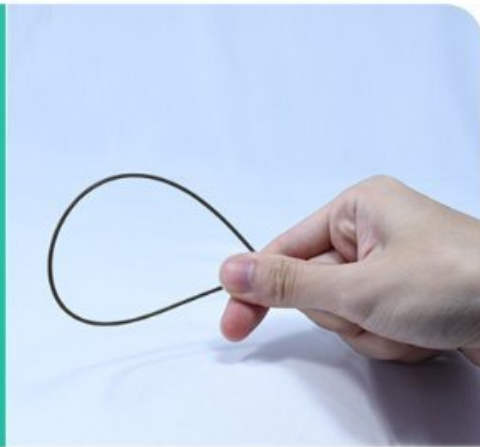
HIGH QUALITY

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



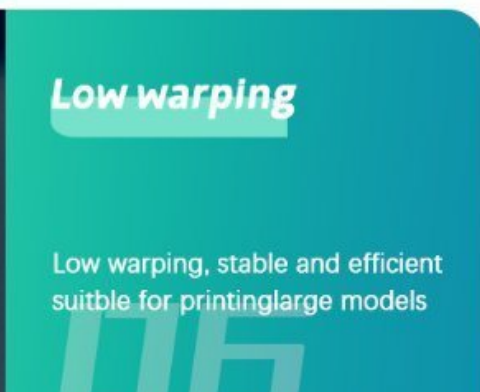
SIMPLE OPERATION

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	200×200×60
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
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.

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