

iBOSS High Strength PLA+ Filament Gradient Tri- Color Yellow Orange White ±0.02mm 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\$10.5
- 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

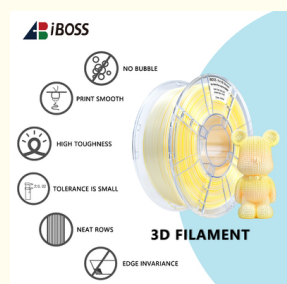
- Feature: High Strength
- State: Coiled
- Diameter: 1.75mm
- Bed Temperature: 0-60°C
- Tolerance: ±0.02mm
- Material: PLA (Polylactic Acid)
- Highlight: High Strength PLA Filament, Gradient Tri- Color PLA Filament, 3d Printing PLA Filament

APPLICATION

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



More Images



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Product Description

iBOSS High Strength PLA+ Filament Gradient Tri- Color Yellow Orange White $\pm 0.02\text{mm}$ 3d Printing Filament

Vibrant Multi-Color Prints with Superior Strength

Upgrade your 3D creations with iBOSS's Gradient Tri-Color PLA+ Filament, blending **sunny yellow, warm orange, and crisp white** in a smooth, eye-catching transition. Perfect for artistic models, fashion accessories, and decorative items, this filament eliminates the need for manual painting while delivering **professional-grade aesthetics**.

Premium PLA+ for Reliable Performance

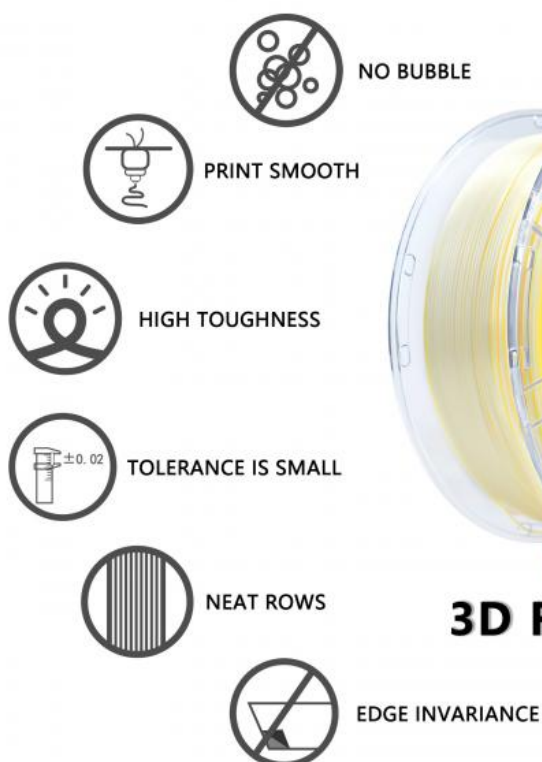
Engineered for **high strength and durability**, this PLA+ filament offers **better layer adhesion, impact resistance, and reduced warping** compared to standard PLA. Its **bubble-free formulation** ensures **smooth extrusion** and **clog-free printing**, making it ideal for intricate designs.

Precision & Consistency

With a **tight diameter tolerance ($\pm 0.02\text{mm}$)** and **1.75mm thickness**, this filament guarantees **high-precision printing** on most FDM 3D printers. The **low-warp, easy-to-use** material is suitable for both **beginners and experts**, producing flawless prints every time.

Eco-Friendly & User-Friendly

Made from **non-toxic, biodegradable PLA+**, this filament is a **safe and sustainable** choice for home, school, and workshop use. No heated bed? No problem—it adheres well to standard print surfaces.



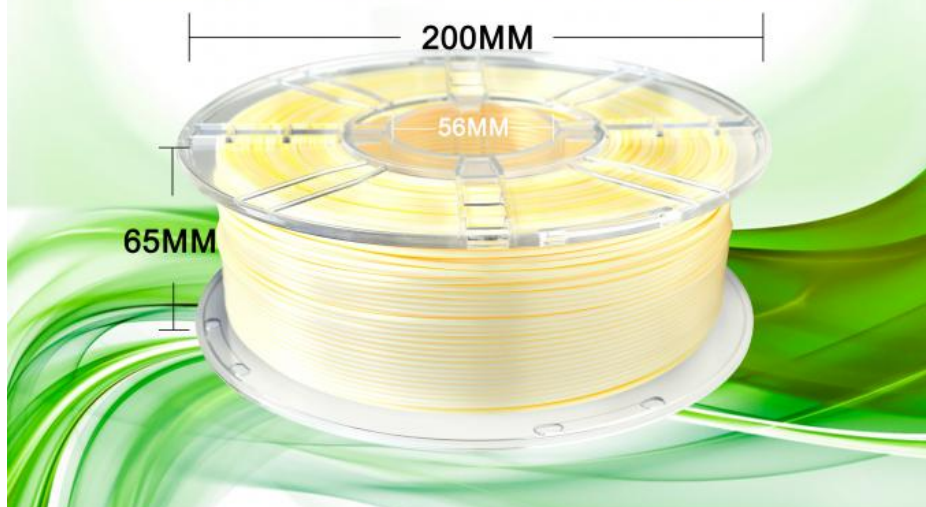
APPLICATION

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

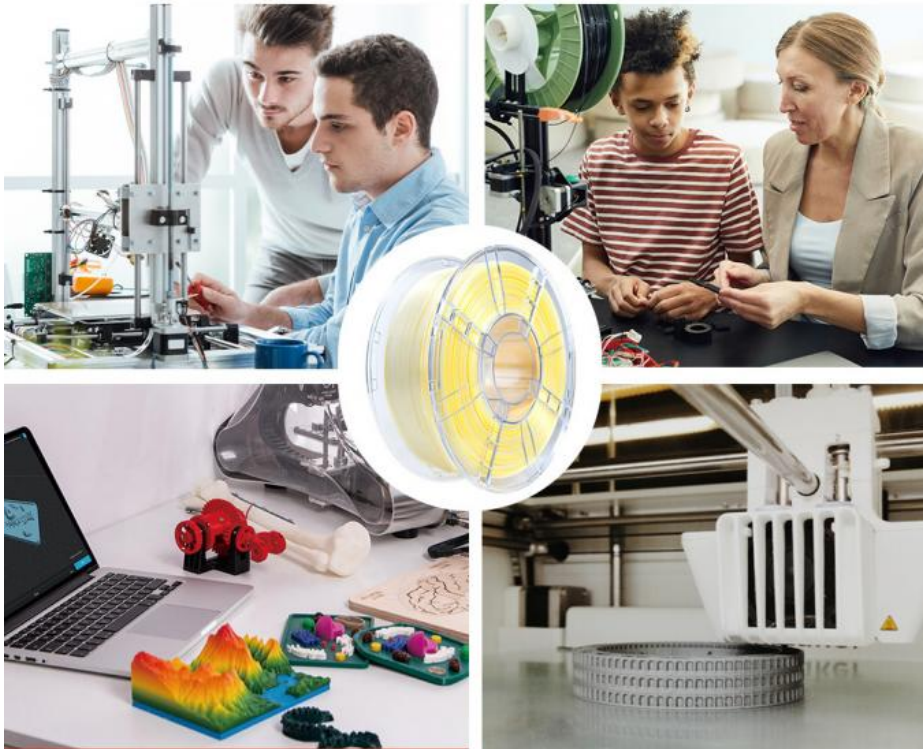


Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.



SUITABLE FOR ALL 3D PRINTERS ON THE MARKET



Model	PLA+
Net Weight (KG)	1KG
Gross weight	1.4KG
Packing box size	21*21*7cm
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



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+



Certifications



iBOSS Qingyuan iBoss Smart Technology Co., Ltd.

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