

iBOSS 3d Printing Filament 1.75mm PLA+ High Strength Gradient Orange White Filament 3d Printed

Our Product Introduction

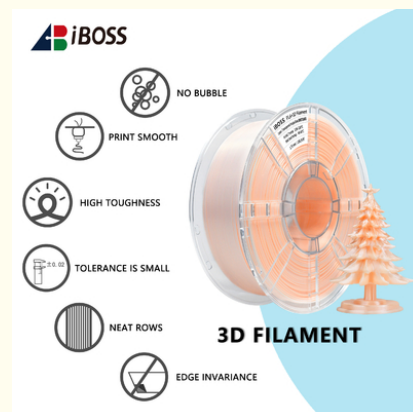
Basic Information

- Place of Origin: Qingyuan,china
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PLA+
- Minimum Order Quantity: 48kg/rolls
- Price: US\$9.5
- 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

- Diameter: 1.75mm
- Outer Packing: Carton
- Material: PLA+
- Melt Flow Index: 5-7g/10min
- Printing Speed: 40-100mm/s
- Product Tolerances: ± 0.02 mm



More Images



Product Description

iBOSS 3d Printing Filament 1.75mm PLA+ High Strength Gradient Orange White Filament 3d Printed

Upgrade your 3D printing projects with **iBOSS PLA+ High Strength Filament** in a stunning **gradient orange-to-white** color blend. Specially formulated for durability and vibrant aesthetics, this filament is perfect for **functional prototypes, cosplay props, home decor, and artistic models** that demand both strength and style.

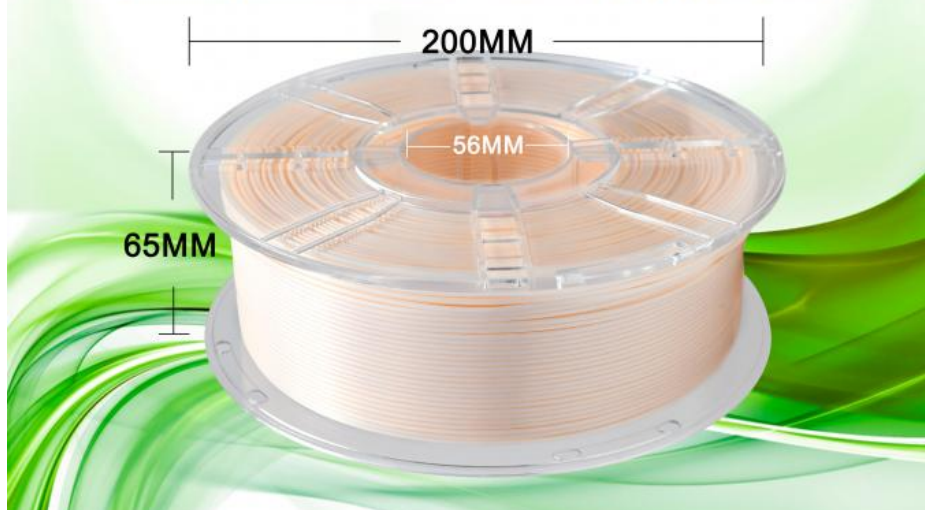
Why Choose iBOSS PLA+ Gradient Filament?

- ✓ **High Strength & Toughness** – Enhanced layer adhesion and impact resistance compared to standard PLA, making it ideal for sturdy prints.
- ✓ **Smooth Gradient Effect** – Seamless color transition from bold orange to crisp white, eliminating the need for manual filament changes or painting.
- ✓ **Easy Printing & Low Warp** – Optimized for smooth extrusion with minimal stringing, ensuring clean, professional-quality prints on most FDM printers.
- ✓ **Eco-Friendly & User-Friendly** – Low-odor, biodegradable, and compatible with open-frame and enclosed 3D printers.

With **precise 1.75mm diameter ($\pm 0.03\text{mm}$ tolerance)** and excellent bed adhesion, this **1kg spool** delivers reliable performance for hobbyists and professionals alike. Whether you're printing mechanical parts or decorative items, **iBOSS PLA+** combines **strength, beauty, and printability** in one premium filament.

Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.

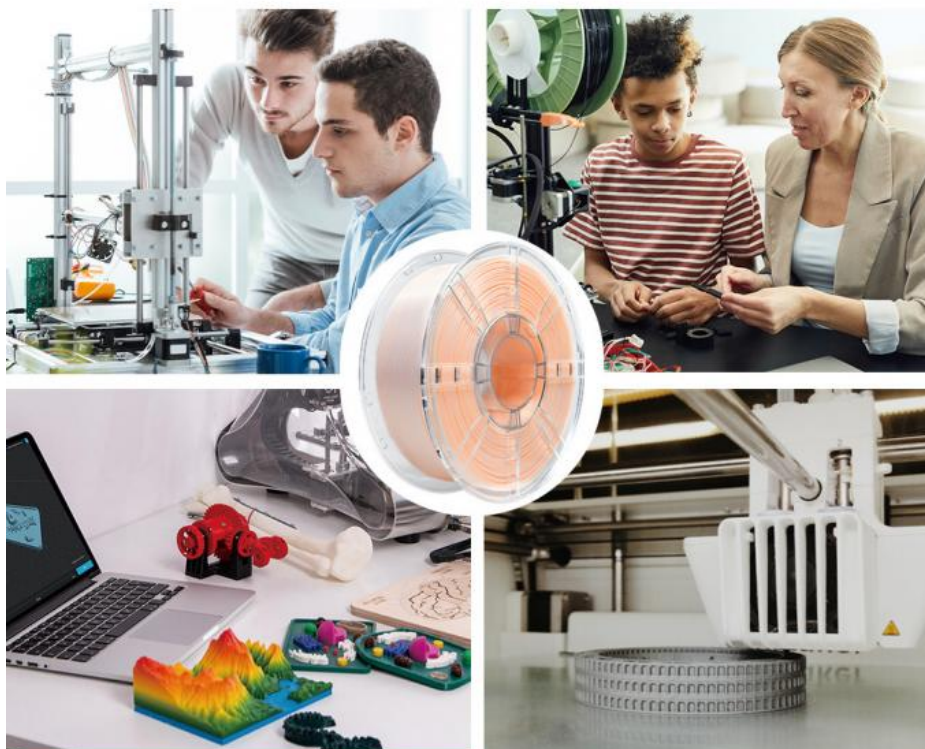


ENVIRONMENTALLY FRIENDLY

NON-TOXIC AND HARMLESS DEGRADABLE



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



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