



iBOSS PLA+ Filament 1.75mm Gradient Orange White 3D Printing Filament 1kg

Our Product Introduction

Basic Information

- Place of Origin: Qingyuan, china
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PLA+ Filament
- 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: 10000kg



Product Specification

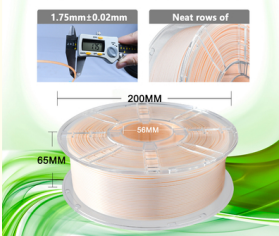
- Diameter: 1.75mm
- Product Tolerances: $\pm 0.02\text{mm}$
- State: Coiled
- Net Weight: 1000g
- Model No: PLA+ silk
- Industry: 3D Printer



More Images

Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.



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Product Description

iBOSS PETG Filament 1.75mm Gradient Orange White 3D Printing Filament 1kg

1. Durability & Performance Perspective

iBOSS PETG Gradient Orange/White Filament delivers **exceptional strength and durability**, making it ideal for functional prints that require impact resistance and flexibility. Unlike PLA, PETG offers **higher temperature resistance (up to 80°C)** and **excellent layer adhesion**, reducing the risk of cracks or warping. The **low shrinkage and minimal oozing** ensure smooth, reliable printing on most FDM 3D printers. Whether you're printing mechanical parts, outdoor fixtures, or tough prototypes, this filament provides **long-lasting performance** without sacrificing print quality.

2. Aesthetic & Ease of Use Perspective

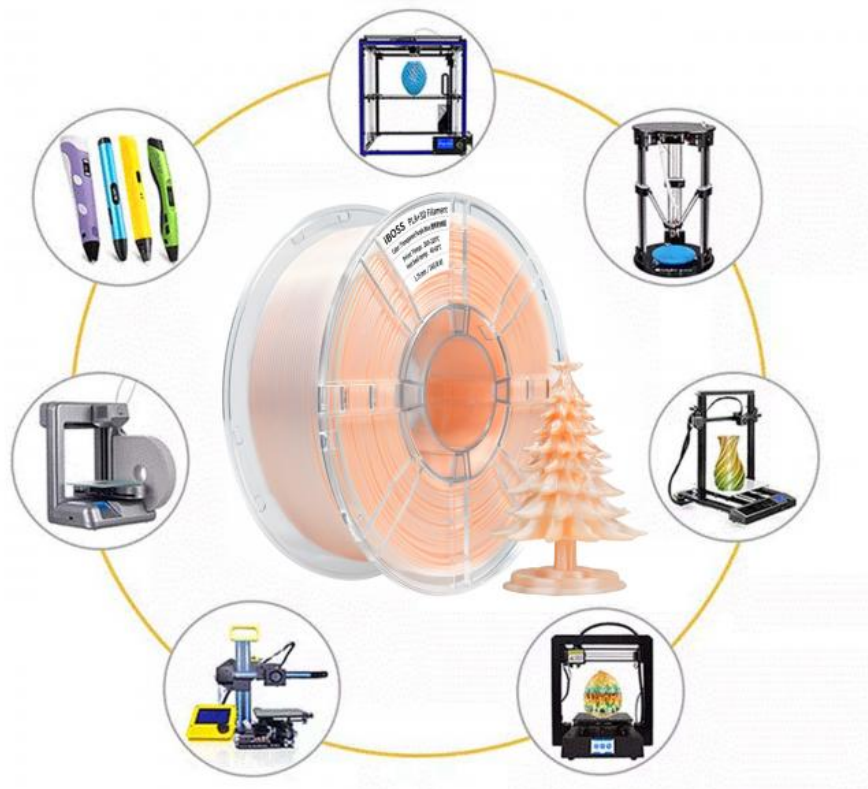
Stand out with iBOSS PETG's **stunning gradient effect**, transitioning seamlessly from vibrant orange to crisp white—**no post-processing needed!** The glossy finish enhances visual appeal, perfect for **cosplay props, decorative models, and artistic designs**. PETG is also **less prone to stringing** compared to other filaments, ensuring clean, professional prints with minimal effort. Its **easy bed adhesion (works well with glue stick or PEI sheets)** and consistent 1.75mm diameter ($\pm 0.03\text{mm}$) make it **user-friendly for beginners and experts alike**.

3. Eco-Friendly & Versatile Compatibility


Made from **recyclable PETG material**, this filament is a more sustainable choice compared to ABS, while still offering superior toughness. It's **compatible with most FDM printers**, including Creality, Prusa, and Bambu Lab systems. The **low warping and odor-free printing** make it ideal for home and workshop use. Whether you need **strong functional parts or eye-catching displays**, iBOSS PETG Gradient Filament combines **durability, beauty, and eco-conscious performance** in one premium 1kg spool.

APPLICATION


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









NO BUBBLE




PRINT SMOOTH




HIGH TOUGHNESS




TOLERANCE IS SMALL



NEAT ROWS



EDGE INVARIANCE



3D FILAMENT



Model	PLA+
Net Weight (KG)	1KG
Gross weight	1.4KG
Packing box size	200×200×64mm
Color	Orange White
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



WHY CHOOSE US ?

Qingyuan iBOSS Intelligent Technology Co., Ltd.



Certifications



iBOSS Qingyuan iBoss Smart Technology Co., Ltd.

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