iBOSS High Strength PETG Filament Mint Green ±0.02mm 3d Printing Filament 1000g
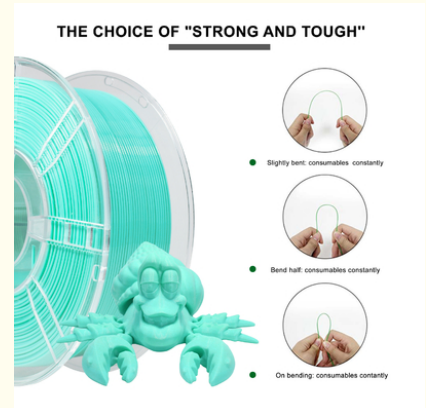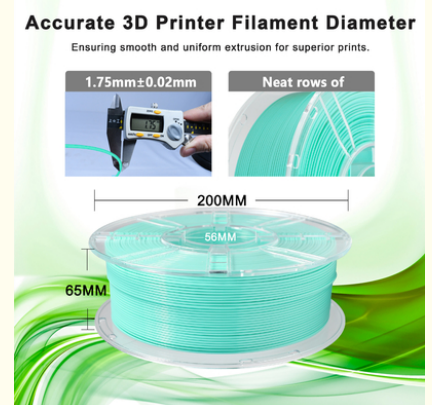
Our Product Introduction

Basic Information

- Place of Origin: Qingyuan,china
- Brand Name: iBOSS
- Certification: ROSH
- Model Number: PETG
- Minimum Order Quantity: 48kg/rolls
- Price: US$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

THE CHOICE OF "STRONG AND TOUGH"

- Slightly bent: consumables constantly
- Bend half: consumables constantly
- On bending: consumables contantly

Product Specification

- Print Speed: 50-100mm/s
- Packing Box Size: 21*21*7cm
- Industry: 3D Printer
- Plastic Modling Type: Extruding
- Compatibility: FDM 3D Printers
- Grossweight: 1.4kg

Accurate 3D Printer Filament Diameter
Ensuring smooth and uniform extrusion for superior prints.

1.75mm±0.02mm   Neat rows of

200MM

56MM

65MM

More Images

SUITABLE FOR ALL
3D PRINTERS ON THE MARKET

Product Description

iBOSS High Strength PETG Filament Mint Green ±0.02mm 3d Printing Filament 1000g

Introducing the **iBOSS High Strength PETG Filament in Mint Green** – a cutting-edge 3D printing material designed for precision, durability, and versatility. With a diameter of 1.75mm and ultra-tight tolerance of ±0.02mm, this 1000g spool ensures consistent extrusion and minimal printing errors, making it ideal for both professional engineers and creative hobbyists.

Key Features

1. **Exceptional Strength & Durability**: Engineered with enhanced molecular bonding, this PETG filament offers superior tensile strength and impact resistance, outperforming standard PLA. Perfect for functional parts, mechanical components, and prototypes that require rigidity and long-term use.

2. **High Heat Resistance**: With a heat deflection temperature exceeding 70°C, it withstands high-temperature environments, making it suitable for automotive parts, kitchen tools, and outdoor applications where PLA would fail.

3. **Precision Engineering**: The ±0.02mm diameter tolerance ensures seamless compatibility with all FDM/FFF printers, minimizing clogs and ensuring uniform layer adhesion for smooth, high-resolution prints.

4. **Vibrant & Consistent Color**: The striking mint green hue delivers a professional, fade-resistant finish, ideal for decorative pieces, educational models, or branded projects that demand visual excellence.

5. **Reliable Performance**: Low warping and excellent bed adhesion reduce failed prints. Recommended printing settings: nozzle temperature 230–250°C, bed temperature 70–90°C. Pre-drying at 70°C for 2–3 hours enhances moisture resistance and print quality.

APPLICATION

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

iBOSS
3D biodegrade, CO₂ reduction

NO BUBBLE

PRINT SMOOTH

HIGH TOUGHNESS

±0.02 TOLERANCE IS SMALL

NEAT ROWS

EDGE INVARIANCE

3D FILAMENT

Model	PETG
Net Weight (KG)	1KG
Gross weight	1.4KG

Packing box size	21*21*7cm
Diameter(mm)	1.75mm
Tolerance(mm)	±0.02mm
Print Temperature (ºC)	200-230ºC
Base plat Temperature (ºC)	60°C
Density	1.23±0.05g/cm3
Printing Speed	40-100m
Melt Index	14-18g/10min (190ºC,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 (ºC, 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
2400㎡

Experience
30+YEARS

Our team
55+

Certifications