

## iBOSS PETG Filament 1.75mm Green 1000g 3D Printing Filament Strong Impact Resistance

Our Product Introduction

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### Basic Information

- Place of Origin: Qingyuan, china
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PETG Filament
- Minimum Order Quantity: 48kg/rolls
- Price: us\$5.5
- 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

#### THE CHOICE OF "STRONG AND TOUGH"

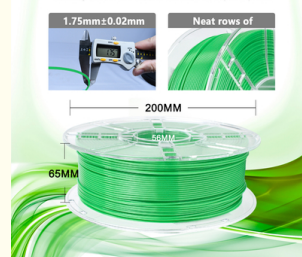


### Product Specification

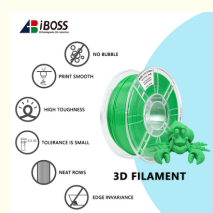
- Roundness Tolerance:  $\pm 0.02\text{mm}$
- Printing Technology: FDM
- Outside Package: Carton
- Hs Code: 3916909000
- Production: 3D Printer Filament
- Compatibility: FDM 3D Printers

#### Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.



### More Images



### Product Description

#### iBOSS PETG Filament 1.75mm Green 1000g 3D Printing Filament Strong Impact Resistance

The iBOSS PETG Filament, available in a 1.75mm diameter and a generous 1000g spool in an attractive green color, is a top-tier option for 3D printing.

##### Exceptional Impact Resistance

Engineered with high-quality PETG material, it offers remarkable impact resistance. With a high impact strength rating, it can withstand significant external forces. This means that the 3D-printed objects are durable and less likely to crack or break, making it perfect for functional parts, prototypes, and even toys that need to endure rough handling.

##### Precise Printing Performance

Its 1.75mm diameter has a tight tolerance of  $\pm 0.02\text{mm}$ . This ensures consistent feeding through the printer, preventing jams and enabling smooth extrusion. The recommended print temperature ranges from 220 - 250 °C, and a heat bed temperature of 75 - 80 °C. These settings, combined with a print speed of 50 - 100 mm/s, result in high-quality prints with excellent layer adhesion.

##### Eco-Friendly and Odorless

Derived from renewable resources, this PETG filament is biodegradable, reducing environmental impact. Moreover, it is

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odorless during the printing process, creating a more pleasant working environment compared to some other filaments. Whether you're a hobbyist or a professional, the iBOSS PETG Filament is a reliable and high - performing choice for all your 3D printing needs.

## SUITABLE FOR ALL 3D PRINTERS ON THE MARKET



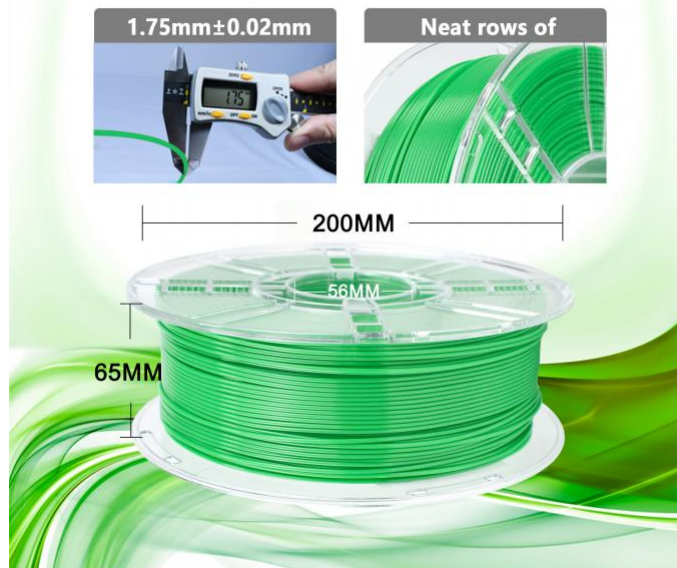
## APPLICATION

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

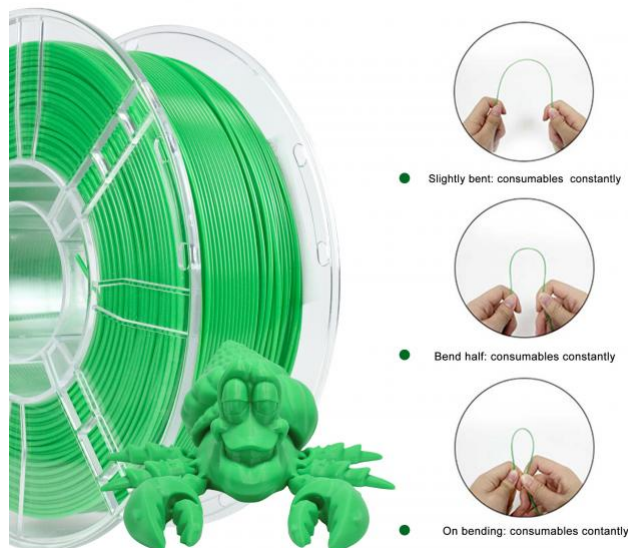


## Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.



## THE CHOICE OF "STRONG AND TOUGH"



Model	PETG
Net Weight (KG)	1KG
Gross weight	1.4KG
Packing box size	200×200×64mm
Color	Green
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/cm <sup>3</sup>
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/m <sup>2</sup>
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.



### 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



**Qingyuan iBoss Smart Technology Co., Ltd.**



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