

## PETG Filament Yellow 1.75mm 1kg FDM Forming Technology 3d Printing Filament

### Our Product Introduction

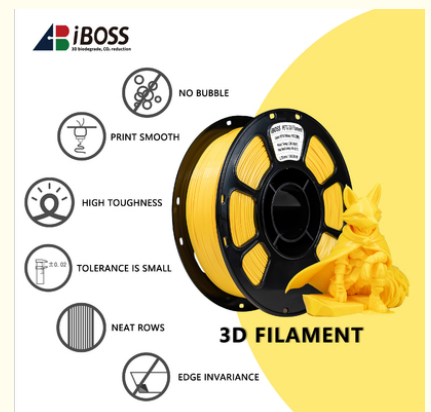
#### Basic Information

- Place of Origin: Qingyuan, china
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PETG
- Minimum Order Quantity: 48kg/rolls
- Price: US\$5/ROLL
- 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

- Plastic Modling Type: Extruding
- Outside Package: Carton
- Packing Box Size: 21\*21\*7CM
- Net Weight: 3000g
- Suitable For: Universal
- Recommended Print Speed: 40-60mm/s
- Highlight: **1kg PETG Filament, FDM Forming Technology PETG Filament, 1.75mm PETG Filament**



#### More Images



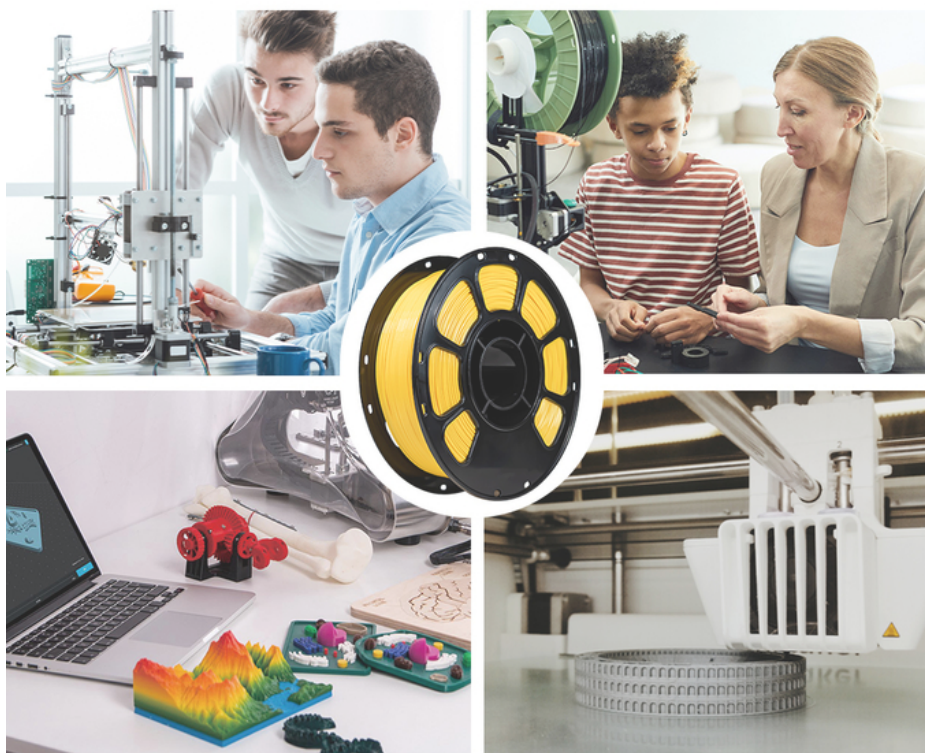
## Product Description

### iboss PETG Filament Yellow 1.75mm 1kg FDM Forming Technology 3d Printing Filament

This iboss PETG filament, with a diameter of 1.75mm and weighing 1kg, is designed for FDM 3D printing. PETG, a modified polyester, offers high strength and impact resistance, ensuring durable prints. Its 90% transparency makes it perfect for projects requiring clear parts.

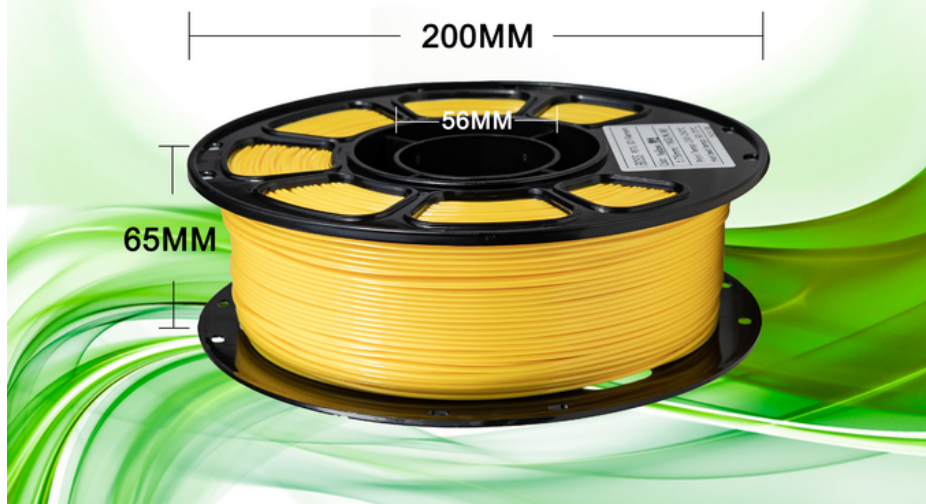
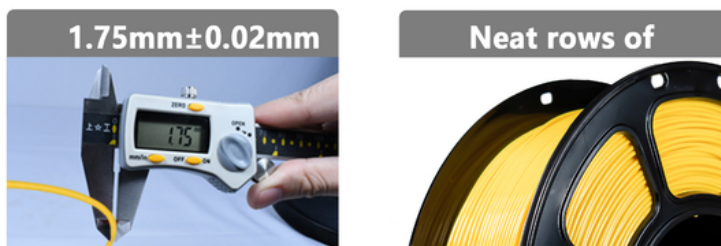
It has excellent chemical resistance against water, acids, alkalis, and alcohols, suitable for various applications. The low warping and shrinkage properties, along with great layer adhesion, guarantee precise and smooth prints. With a working temperature of 235 - 255 °C and a heated bed of 65 - 75 °C, it's easy to use. Plus, it's recyclable and free of BPA and styrene, making it an eco - friendly option. Ideal for both hobbyists and professionals in creating functional prototypes, models, and more.

### **SUITABLE FOR ALL 3D PRINTERS ON THE MARKET**



# Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.



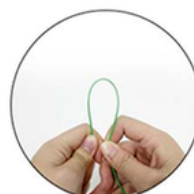
## THE CHOICE OF "STRONG AND TOUGH"



● Slightly bent: consumables constantly



● Bend half: consumables constantly



● On bending: consumables constantly

## PRODUCT FEATURES



## IMPORTED RAW MATERIALS

Use imported superior raw materials  
Standardized manufacturing process  
The production quality is guaranteed



## HIGH QUALITY

High quality ensures the efficiency  
of operation, PLA: No Bubble, No  
Clogging

## HIGH TOUGHNESS

Compared with PLA, the  
toughness is greatly improved:  
No Cracking, Minimal Warping



## Eco-friendly Non-toxic

Using natural degradable raw  
materials, Environmental protection,  
non-toxic and harmless

## SIMPLE OPERATION

Can be printed directly without heated build platform

05



## Low warping

Low warping, stable and efficient suitable for printing large models

06

Model	PETG
Net Weight (KG)	1KG
Gross weight	1.3KG
Packing box size	200×200×60
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





Qingyuan iBOSS Intelligent Technology Co., Ltd. is a high-tech enterprise specializing in the R & D, production and sales of 3D printing consumables and 3D printers. The company is committed to the development and application of 3D printing materials.

With the mission of "developing green and environment-friendly 3D printing materials and promoting human sustainable development", the company is committed to enabling intelligent manufacturing with material technology and providing better product and service experience for users in the global 3D printing industry

#### QINGYUAN iBOSS INTELLIGENT TECHNOLOGY CO., LTD.

It is an international team full of enthusiasm for 3D printing. We produce the best 3D printing materials by controlling each stage of production. With a diverse portfolio of materials from high-performance plastics to unique aesthetic solutions, polymaker will continue to add cutting-edge materials to its growing portfolio. Adhering to the corporate philosophy of "integrity, focus, innovation and pragmatism", while striving for the company, the company continues to forge ahead and strive to promote the innovative development of the world's 3D printing industry.



## PRODUCTION ABILITY

We have the most advanced equipment and the most professional technicians to produce the best products.

Factory scale  
**2400m<sup>2</sup>**

Experience  
**30+ YEARS**

Our team  
**55+**



## 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.

 0086 15116273361
  manager2@iboss3d-export.com
  iboss3d-export.com

2nd Floor, Decheng Technology Park, No.42 Shilong Road, Shijiao Town, Qingcheng District, Qingyuan, Guangdong Province, China