

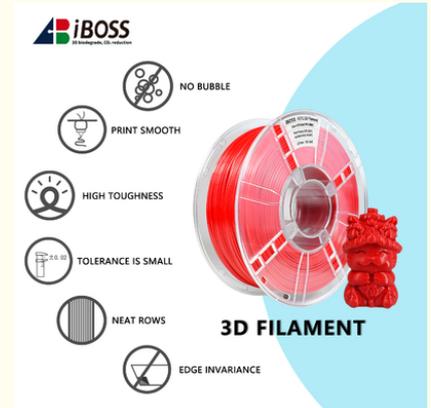


## iBOSS 3d Printing Filament 1.75mm Red PETG Filament Toughness Enhanced 3D Printer 1000g

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\$5.5
- 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

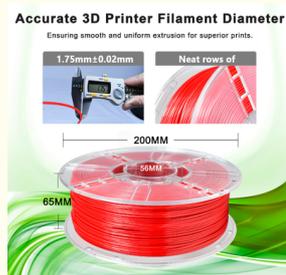


### Product Specification

- Print Speed: 50-100mm/s
- Printing Temperature: 220-250°C
- Recommended Print Speed: 40-60mm/s
- Industry: 3D Printer
- Trademark: I Boss
- Flexural Strength: 60MPa



### More Images



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## Product Description

### **iBOSS 3d Printing Filament 1.75mm Red PETG Filament Toughness Enhanced 3D Printer 1000g**

The iBOSS 3D Printing Filament in 1.75mm Red PETG is a top-notch choice for 3D printing enthusiasts. With a weight of 1000g per spool, it offers ample material for your projects.

This PETG filament combines the best features of PLA and ABS. It is eco-friendly and odorless, making it suitable for use in various environments. One of its key highlights is the enhanced toughness. This characteristic effectively avoids cracking and warping during the 3D printing process, ensuring excellent print results. When subjected to external force, it can quickly return to its original form without deformation.

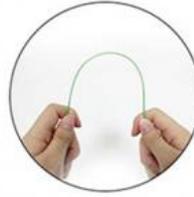
The filament has a diameter of 1.75mm with a tolerance of  $\pm 0.02\text{mm}$ , ensuring consistent feeding and stable prints. It is designed for FDM 3D printers, with a recommended print temperature range of 220 - 250 °C and a heat bed temperature of 75 - 80 °C. The print speed can be set between 50 - 100 mm/s. It comes in a convenient spool, ready for you to bring your 3D printing ideas to life.

## APPLICATION

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



## THE CHOICE OF "STRONG AND TOUGH"



● Slightly bent: consumables constantly



● Bend half: consumables constantly



● On bending: consumables constantly

|                               |                             |
|-------------------------------|-----------------------------|
| Model                         | PETG                        |
| Net Weight (KG)               | 1KG                         |
| Gross weight                  | 1.4KG                       |
| Packing box size              | 200×200×64mm                |
| Color                         | Dark blue                   |
| 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.



### 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



### 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+**



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

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