



## iBOSS 3D Printing Filament PLA+ Matte lilac Purple Filament 1.75mm FDM Forming Technology 3d Printed

Our Product Introduction

### Basic Information

- Place of Origin: Qingyuan, china
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PLA+
- Minimum Order Quantity: 48kg/rolls
- Price: US\$9/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



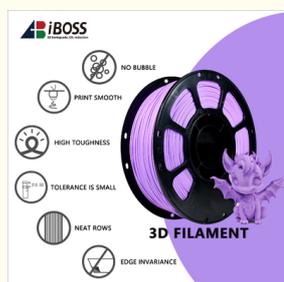
### Product Specification

- Print Speed: 50-100mm/s
- Product Tolerances:  $\pm 0.02$ mm
- Currency: US\$
- Impact Strength: 5kJ/m2
- Feature: High Strength
- Origin: China



for more products please visit us on [iboss3d-export.com](http://iboss3d-export.com)

### More Images



## Product Description

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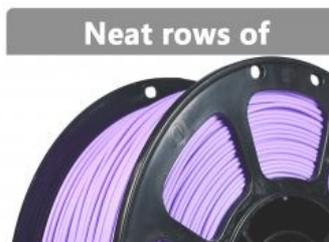
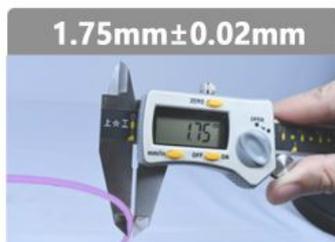
The iBOSS PLA+ Matte Lilac Purple Filament, with a diameter of 1.75mm, is an excellent choice for FDM 3D printing. This filament is an upgraded version of traditional PLA, offering enhanced performance.

It has good adhesion and high strength, ensuring your 3D prints are durable. The matte lilac purple color adds an elegant and unique aesthetic to your creations. With dimensional accuracy of  $\pm 0.02\text{mm}$ , it guarantees consistent feeding and stable prints. Recommended print temperature is 210 - 230 °C.

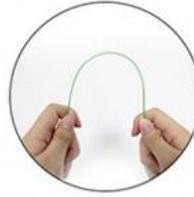
Compatible with most FDM 3D printers, it comes in a 1kg spool, vacuum - sealed with a desiccant to keep it dry. Whether for functional prototypes or artistic models, this filament enables high - quality 3D printing results.

## Accurate 3D Printer Filament Diameter

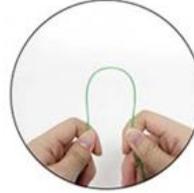
Ensuring smooth and uniform extrusion for superior prints.



## THE CHOICE OF "STRONG AND TOUGH"



● Slightly bent: consumables constantly



● Bend half: consumables constantly



● On bending: consumables constantly

## APPLICATION

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



## PRODUCT FEATURES

## IMPORTED RAW MATERIALS

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

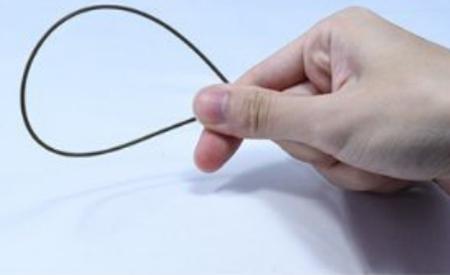


## HIGH QUALITY

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	200×200×64mm
Color	Matte lilac purple
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



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**

