

## Strong Toughness PLA+ Filament 1.75mm Terra Brown 3d Printing Filament

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\$7.5
- 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



### Product Specification

- Printing Temperature: 200-240
- Forming Technology: FDM
- Bubble: 100% Without Bubble
- Trademark: IBOSS
- Supply Ability: 600000kg/Year
- Diameter: 1.75mm
- Highlight: **1.75mm 3d filament 1.75, 1.75mm 3d printing filament, strong toughness 3d filament 1.75**



### More Images



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

## Product Description

### Strong Toughness PLA+ Filament 1.75mm Terra Brown 3D Printing Filament

Elevate your 3D printing with our Strong Toughness PLA+ Filament. The 1.75mm diameter provides consistent feed in various 3D printers, guaranteeing smooth and accurate prints. Its advanced PLA+ composition offers enhanced strength and toughness, making printed objects durable for both functional and decorative uses.

The warm Terra Brown color gives your creations an earthy, natural charm, perfect for adding a unique touch to home decor, artworks, or DIY projects. Easy to work with and less prone to warping, it's a reliable choice for hobbyists and professionals.

#### Key Features

- Enhanced strength and toughness for durable prints
- 1.75mm diameter ensures consistent feeding
- Terra Brown color for natural, earthy aesthetics
- Reduced warping for easier printing
- Suitable for both functional and decorative applications

#### Product Attributes

Printing Temperature	200-240
Forming Technology	FDM
Bubble	100% Without Bubble
Trademark	iBoss
Supply Ability	600000kg/Year
Diameter	1.75mm

#### Technical Specifications

Model	PLA+
Net Weight (KG)	1KG
Gross weight	1.3KG
Packing box size	200×200×64mm
Color	Terra Brown
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

#### Product Images



# APPLICATION

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





NO BUBBLE



PRINT SMOOTH



HIGH TOUGHNESS



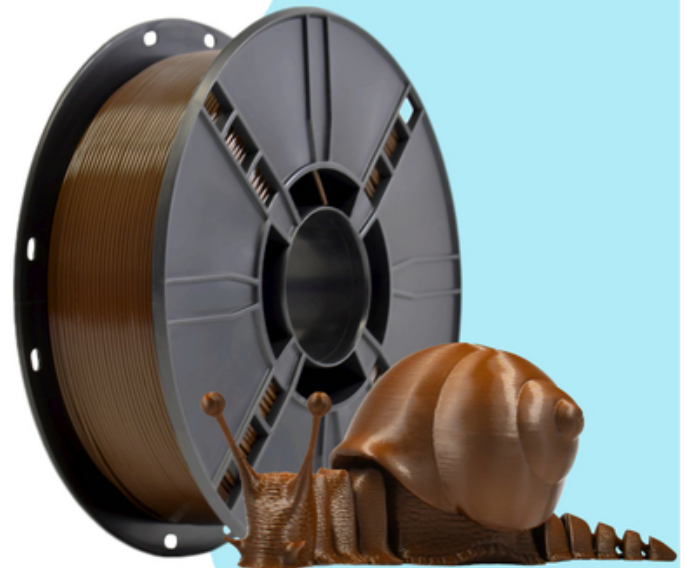
TOLERANCE IS SMALL



NEAT ROWS



EDGE INVARIANCE



**3D FILAMENT**



## Products description



### PLA+ 3D Printer filament

Environmentally Friendly

Higher Toughness / Better Strength



## PLA+ 3D Printer Filament



## PRODUCT FEATURES

IMPORTED  
RAW MATERIALS

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

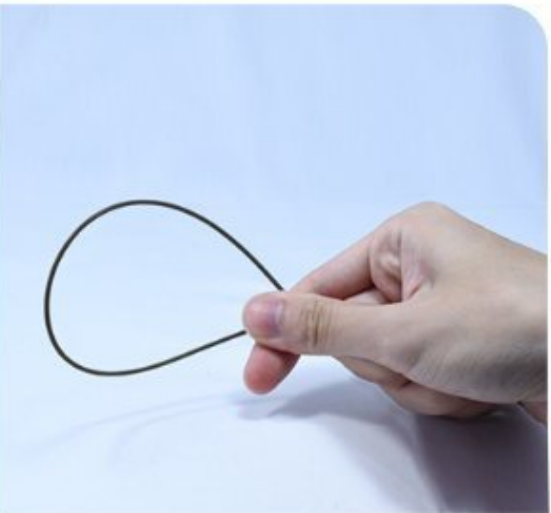


## HIGH QUALITY

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



## Low warping

Low warping, stable and efficient  
suitable for printing large models

## 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.



## 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



## 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+**



## Certifications



**iBOSS** Qingyuan IBoss Smart Technology Co., Ltd.

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