3d Printing Filament Strong Toughness PLA Filament Industry for 3D Printer State Coiled

Our Product Introduction

Basic Information

- Place of Origin: Qingyuan,china
- Brand Name: iBOSS
- Certification: ROSH
- Model Number: PLA
- Minimum Order Quantity: 48kg/rolls
- Price: $9-$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: 10000kg

Product Specification

- Model NO.: PLA
- Net Weight: 1000g
- Printing Temperature: 180-230
- Forming Technology: FDM
- Industry: 3D Printer
- Bubble: 100% Without Bubble
- Gross Weight: 1.3kg
- Transport Package: Vacuum Packed Carton Transport
- Origin: China
- Suitable For: Desktop Printer
- Feature: High Strength
- State: Coiled
- Diameter: 1.75mm
- Highlight: **3d printing filament strong toughness**, **industry 3d filament 1.75**,

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Product Description

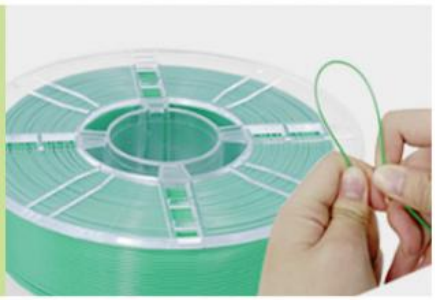
3D Printing Filament - Strong Toughness PLA Filament for Industrial 3D Printers

Product Features

01

High Toughness

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



02

High Quality

Retains all the advantages of PLA; No Bubble, No Clogging

03

Eco-friendly Non-toxic

Made of eco-friendly biodegradable raw materials, Little Odor, Non harmful

04

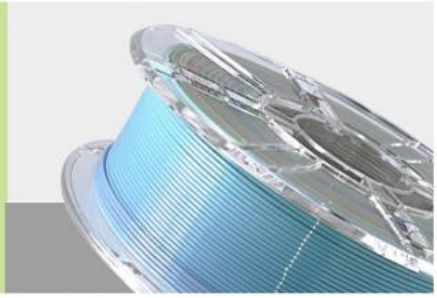
Low warping

Low warping, stable in performance, suitable for printing large models

05

Easy to operate

Can be printed directly without heated build platform



Product Specifications

Attribute	Value
Model NO.	PLA
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Forming Technology	FDM
Industry	3D Printer
Bubble	100% Without Bubble
Gross Weight	1.3kg
Transport Package	Vacuum Packed Carton Transport
Origin	China
Suitable for	Desktop Printer
Feature	High Strength
State	Coiled
Diameter	1.75mm

Detailed Technical Specifications

Net Weight (KG): 1KG

Gross weight: 1.4KG

Packing box size: 200×200×64mm

Color: White, Black, Green, Purple, Pink, Red, Orange, Yellow, Blue, Dark Blue, Light Blue, Skin Tone, Mint Green, Transparent Green, Transparent Violet, Emerald, Silk White, Silk Gold, Silk Copper, Rainbow Color

Diameter(mm): 1.75mm

Tolerance(mm): ±0.02mm

Print Temperature (ºC): 200-230ºC

Base plat Temperature (ºC): 60°C

Density: 1.23±0.05g/cm3

Printing Speed: 40-100m

Melt Index: 14-18g/10min (190ºC,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 (ºC, 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	Experience	Our team
2400m²	30+YEARS	55+

Key Features

> **1. High Quality**
>
> Manufactured using premium materials with strict quality control at every production stage, from raw material procurement to final assembly.
>
> **2. Professional R&D Center**
>
> Our team includes designers with 15+ years of industry experience. We release new product series monthly and welcome OEM/ODM collaborations.
>
> **3. Fast Dispatch**
>
> Most products are kept in stock, with orders below 100 pieces typically shipped within 15 days.
>
> **4. Small Orders Accepted**
>
> We accommodate low minimum order quantities, accepting orders as small as 1 piece.

Qingyuan IBoss Smart Technology Co., Ltd.

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