FDM Forming Technology PLA+ Filament Lilac Purple 3d Printing Filament 1.75mm

Our Product Introduction

Basic Information

- Place of Origin: Qingyuan,china
- Brand Name: iBOSS
- Certification: ROSH
- 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: 220-240
- Forming Technology: FDM
- Bubble: 100% Without Bubble
- Transport Package: Vacuum Packed Carton Transport
- Diameter: 1.75mm
- Customization: Available | Customized Request
- Highlight: **PLA+ filament 1.75mm lilac**, **FDM forming 3D printing filament**, **purple PLA filament with warranty**

More Images

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Our Product Introduction

Product Description

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Product Attributes

Attribute	Value
Printing Temperature	220-240
Forming Technology	FDM
Bubble	100% Without Bubble
Transport Package	Vacuum Packed Carton Transport
Diameter	1.75mm
Customization	Available

Product Description

Our FDM Forming Technology PLA+ Filament in Lilac Purple is engineered for 3D printing enthusiasts and professionals. With a precise diameter of 1.75mm, it's compatible with most standard 3D printers. The advanced PLA+ formulation delivers superior strength and durability compared to conventional PLA filaments. The elegant lilac purple color enhances the visual appeal of your 3D printed creations, making it perfect for decorative items, functional prototypes, and artistic projects.

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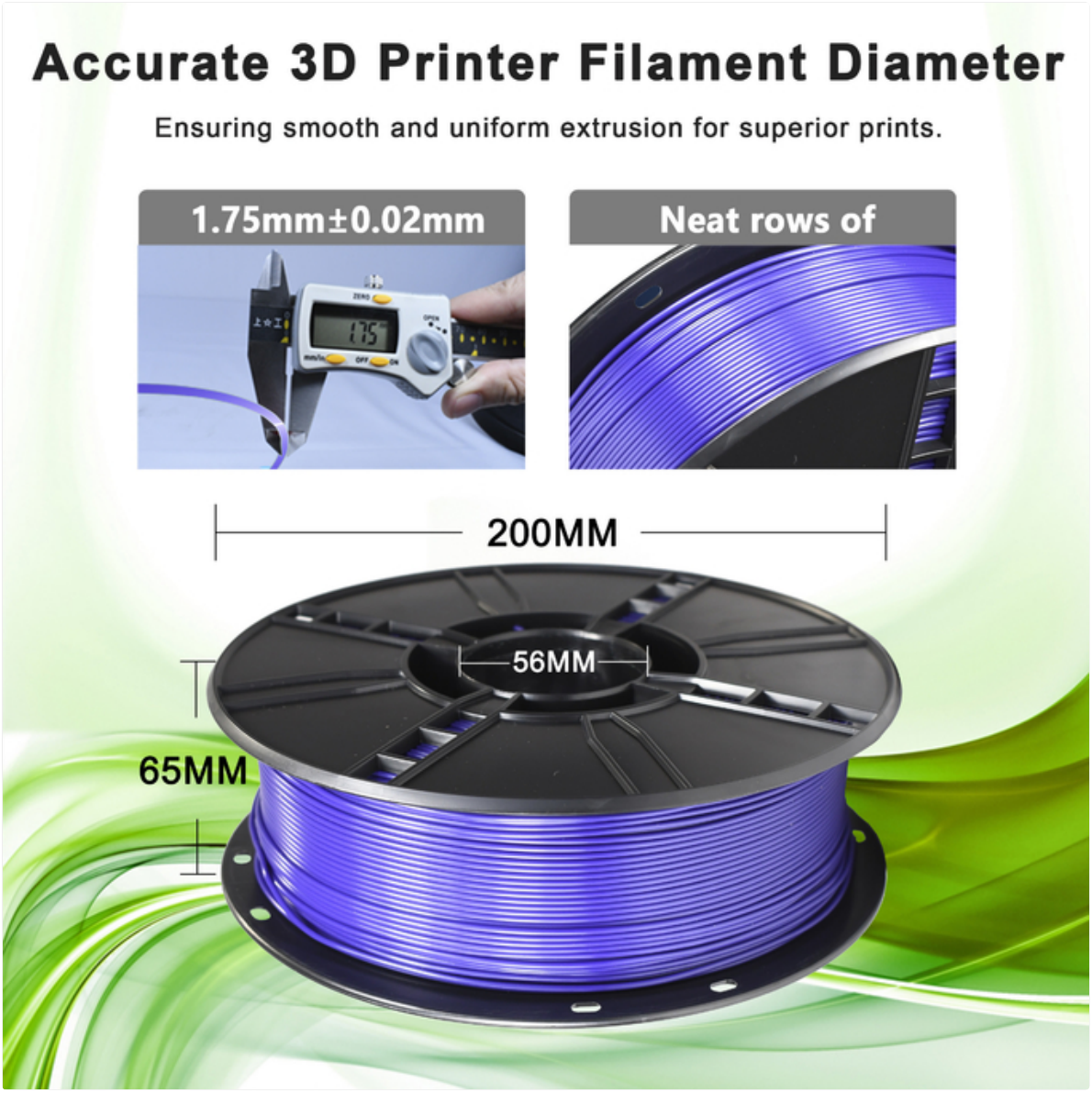
iBOSS
3D biodegrade, CO2 reduction
NO BUBBLE
PRINT SMOOTH
HIGH TOUGHNESS
±0. 02
TOLERANCE IS SMALL
NEAT ROWS
EDGE INVARIANCE
3D FILAMENT

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



Technical Specifications

Model	PLA+
Net Weight (KG)	1KG
Gross weight	1.3KG
Packing box size	200×200×64mm
Color	Lilac Purple
Diameter(mm)	1.75mm
Tolerance(mm)	±0.02mm
Print Temperature (ºC)	200-230ºC
Base plate 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

PODUCT FEATURES

IMPORTED RAW MATERIALS

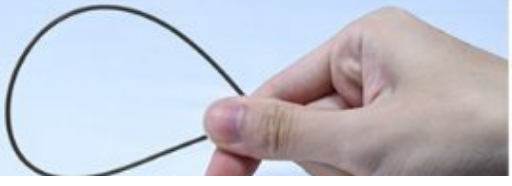
Use imported superior raw materials
Standardized manufacturing process
The production quality is guaranteed

HIGH QUALITY

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

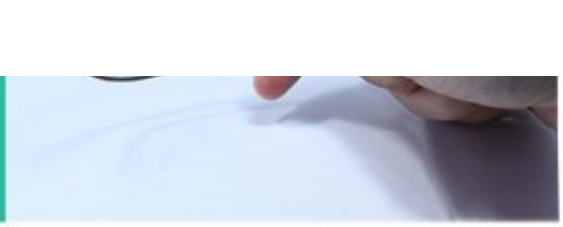
HIGH TOUGHNESS

Compared with pla,the toughness is greafly improved:



No Cracking,Minimal Warping

03



Eco-friendly Non-toxic

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

04

SIMPLE OPERATION

Can be printed directly without heated build platfom

05

Low warping

Low warping, stable and efficient suitble for printinglarge models

06

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
2400㎡	30+YEARS	55+

Certifications

iBOSS Qingyuan IBoss Smart Technology Co., Ltd.

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