

PLA+ Filament Temperature Color Change 1.75mm Green to Yellow FDM Forming Technology 3D Printing Filament

Our Product Introduction

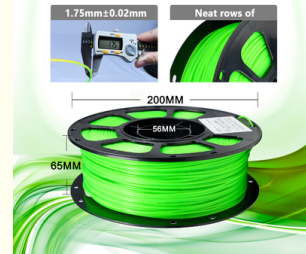
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Basic Information

- Place of Origin: Qingyuan, china
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PLA+ Filament
- Minimum Order Quantity: 48kg/rolls
- Price: US\$13
- 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

Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.

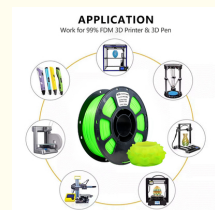


Product Specification

- Filament Length: 330m
- Printing Technology: 3D Printing
- Packing Box Size: 21*21*7cm
- Print Speed: 40-100mm/s
- Weight: 1kg
- Specification: PLA+ Color-Chaning



More Images



Product Description

PLA+ Filament Temperature Color Change 1.75mm Green to Yellow FDM Forming Technology 3D Printing Filament

This innovative **PLA+ filament** features a **temperature-sensitive color change**, shifting from **green to yellow** when exposed to heat, making it perfect for creative and functional prints. With a smooth 1.75mm diameter, it ensures excellent compatibility with most FDM 3D printers.

Enhanced for superior **layer adhesion, strength, and minimal warping** this filament is ideal for prototypes, educational tools, and artistic designs. The color transition adds a dynamic visual effect, responding to touch or environmental temperature changes.

Print at **190-220°C** with a heated bed (50-60°C) for optimal results. Eco-friendly and easy to use, this filament combines **vibrant colors, durability, and fun interactivity** in one spool!

Our Product Introduction

THE CHOICE OF "STRONG AND TOUGH"



ENVIRONMENTALLY FRIENDLY

NON-TOXIC AND HARMLESS DEGRADABLE



SUITABLE FOR ALL 3D PRINTERS ON THE MARKET



Gross weight	1.3KG
Packing box size	200×200×64mm
Color	Green to Yellow
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	10-150mm
Melt Index	10g/10min (190°C, 2.16kg)
Bubble	100% without bubble
Length of Line (Ø 1.75±0.2mm)	1.75mm 330m
Tensile strength	550Mpa
Flexural modulus	370 Mpa
Izod Notch Impact Strength	7KJ/m2
Elongation at Break	52 or 51 (°C, 0.45 Mpa)
Hydroscopicity	0.005
Reel Size	220mm 1.6mm 1.75mm



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.



PRODUCTION ABILITY

We have the most advanced equipment and the most professional technicians to produce the best products.

Factory scale
2400m²

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



**Qingyuan
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