

iBOSS PETG 3D Printer Filament Grass Green 1.75mm Toughness Enhanced 3D Printed

Our Product Introduction

for more products please visit us on iboss3d-export.com

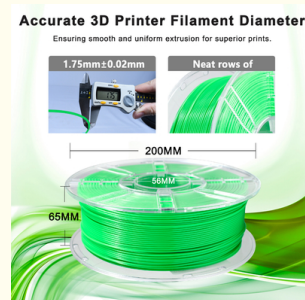
Basic Information

- Place of Origin: Qingyuan, china
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PETG Filament
- Minimum Order Quantity: 48kg/rolls
- Price: US\$5.5
- 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

- Compatibility: FDM 3D Printers
- Gross Weight: 1.4KG
- Oem Service: Available
- Elongation At Break: 5%
- Forming Technology: FDM
- Production: 3D Printer Filament



More Images



Product Description

iBOSS PETG 3D Printer Filament Grass Green 1.75mm Toughness Enhanced 3D Printed

The iBOSS PETG 3D Printer Filament in Grass Green, with a diameter of 1.75mm, is a top - tier option for 3D printing enthusiasts and professionals alike.

Material Properties

PETG, a copolymer of polyethylene terephthalate, combines the best of both worlds. It offers enhanced toughness, allowing printed objects to withstand impacts and stress without cracking. This makes it far more durable compared to standard filaments like PLA. The grass - green color adds a vibrant touch, and the material is 100% environmentally - friendly, with no harmful odors during printing. With a diameter tolerance of $\pm 0.02\text{mm}$, it ensures consistent and smooth extrusion, resulting in high - quality prints.

Printing Performance

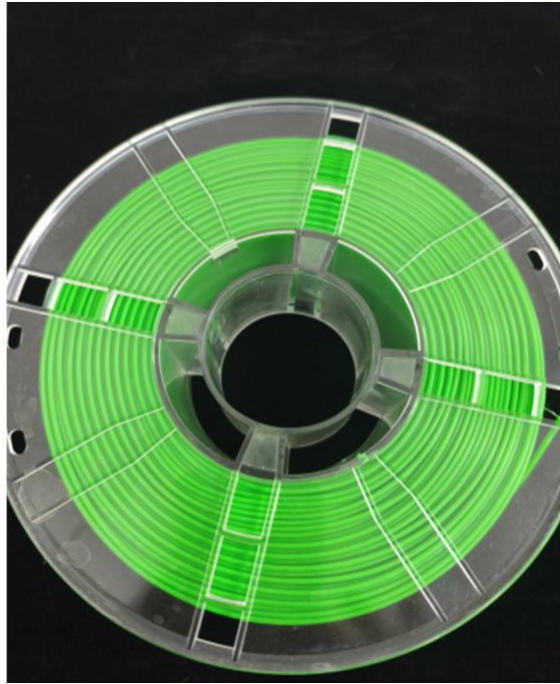
When it comes to printing, this filament shines. The recommended printing temperature ranges from 220 - 250°C, and a heat bed temperature of 75 - 80°C is ideal. It has excellent layer adhesion, reducing the risk of delamination. Its low shrinkage rate minimizes warping, ensuring that your prints maintain their intended shape and dimensions, even for large - scale or complex models. The 1.75mm diameter is compatible with most FDM 3D printers, providing versatility.

Application Scenarios

Thanks to its toughness and chemical resistance, it is suitable for a wide range of applications. In the field of product prototypes, it can accurately replicate the final product's appearance and structure. For DIY enthusiasts, it's perfect for creating

Our Product Introduction

durable and aesthetically - pleasing home decor items. In educational settings, students can use it to bring their creative ideas to life, learning about 3D printing while producing long - lasting projects.



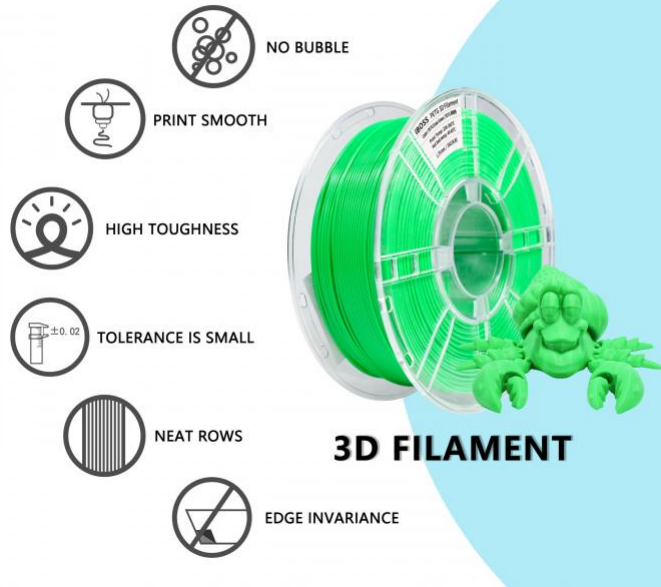
APPLICATION

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



SUITABLE FOR ALL 3D PRINTERS ON THE MARKET





Model	PETG
Net Weight (KG)	1KG
Gross weight	1.3KG
Packing box size	200×200×64mm
Color	Grass Green
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	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/m2
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
2400m²

Experience
30+ YEARS

Our team
55+



WHY CHOOSE US ?

Qingyuan iBOSS Intelligent Technology Co., Ltd.



Certifications



iBOSS Qingyuan iBoss Smart Technology Co., Ltd.

☎ 0086 15116273361 ✉ manager2@iboss3d-export.com 🌐 iboss3d-export.com

2nd Floor, Decheng Technology Park, No.42 Shilong Road, Shijiao Town, Qingcheng District, Qingyuan, Guangdong Province, China