



## iboss Strong Toughness High Strength Gradient PLA+ Filament Blue Green for 3D Printing Filament

Our Product Introduction

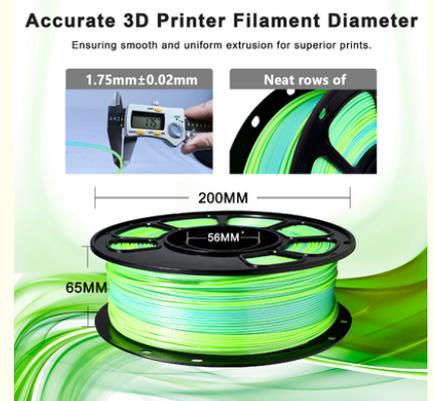
### Basic Information

- Place of Origin: Qingyuan, china
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PLA+
- Minimum Order Quantity: 48kg/rolls
- Price: US\$9.5
- 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

- Print Speed: 50-100mm/s
- Transport Package: Vacuum Packed Carton Transport
- Suitable For: Desktop Printer
- Tolerance: +/- 0.02mm
- Filament Diameter: 1.75mm
- Spool Weight: 1kg



### More Images



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## Product Description

### iboss Strong Toughness High Strength Gradient PLA+ Filament Blue Green for 3D Printing Filament

Made from 100% imported, eco - friendly raw materials from NatureWorks in the USA, it ensures both environmental friendliness and high quality. With a diameter of 1.75 mm (also available in 3.00 mm) and an extremely precise tolerance of  $\pm 0.02$  mm, it guarantees smooth and consistent extrusion during 3D printing.

This filament stands out for its remarkable toughness and high strength. It is less likely to break compared to regular PLA filaments, making it perfect for creating durable and complex 3D models. The blue - green gradient color adds an aesthetically pleasing touch, ideal for artistic and decorative prints. Suitable for FDM 3D printers, it has a recommended print temperature range of 190 - 220 °C, allowing for easy processing.





-  NO BUBBLE
-  PRINT SMOOTH
-  HIGH TOUGHNESS
-  TOLERANCE IS SMALL
-  NEAT ROWS
-  EDGE INVARIANCE



## 3D FILAMENT

## ENVIRONMENTALLY FRIENDLY

NON-TOXIC AND HARMLESS DEGRADABLE



Model	PLA+
Net Weight (KG)	1KG
Gross weight	1.4KG
Packing box size	200×200×64mm
Color	Gradient Blue 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



## 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+**



## 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 IBOSS Smart Technology Co., Ltd.**

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