



iBOSS High Toughness PLA+ Filament For Ebon Wood 1.75mm Bubble Free 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\$10
- 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

- Spool Weight: 1kg
- Suitable For: Desktop Printer
- Hs Code: 3916909000
- Type: PLA+
- Tensile Strength: 60 MPa
- Bed Temperature: 0-60°C



More Images



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

Product Description

iBOSS High Toughness PLA+ Filament For Ebon Wood 1.75mm Bubble Free 3D Printing Filament

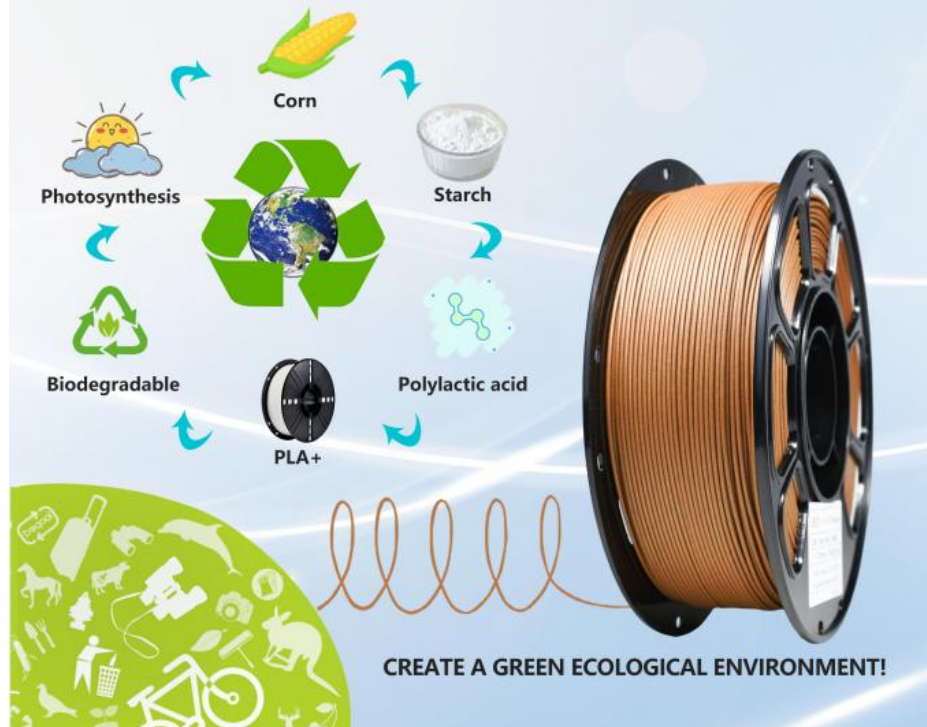
Elevate your 3D printing projects with **iBOSS High Toughness PLA+ Filament in Ebon Wood**. Designed for durability and precision, this filament delivers outstanding results for both beginners and professionals.

- 1. Exceptional Strength & Durability** – Our advanced PLA+ formula offers **higher impact resistance** than standard PLA, making it ideal for functional prototypes, tools, and decorative items that require long-lasting performance.
- 2. Bubble-Free Smooth Printing** – Engineered to minimize air bubbles, this filament ensures **consistent extrusion** and flawless layer adhesion, reducing print failures and delivering a smooth, professional finish.
- 3. Stunning Ebon Wood Aesthetic** – Achieve realistic wood-like textures with rich, dark tones, perfect for artistic models, furniture accents, and cosplay props.



ENVIRONMENTALLY FRIENDLY

NON-TOXIC AND HARMLESS DEGRADABLE



APPLICATION

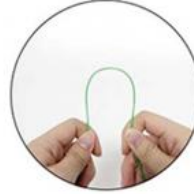
Work for 99% FDM 3D Printer & 3D Pen



THE CHOICE OF "STRONG AND TOUGH"



● Slightly bent: consumables constantly



● Bend half: consumables constantly



● On bending: consumables constantly

Model	PLA+
Net Weight (KG)	1KG
Gross weight	1.4KG
Packing box size	21*21*7cm
Color	Ebon Wood
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/cm ³
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/m ²
Elongation at Break	52 or 53 (°C, 0.45Mpa)
Hydroscopicity	0.005
Reel Size	Ø20.0cm * 6.4cm H

PRODUCT FEATURES

**IMPORTED
RAW MATERIALS**

Use imported superior raw materials
Standardized manufacturing process



Standardized manufacturing process
The production quality is guaranteed

www.natureworksllc.com



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

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



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+



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