GILFORD

Gilford PLA+ WOOD 1KG

Data sheet

Core Specs

Printing material	**PLA**
Printing colours	**Wood**
Filament quality	**Wood fiber**
Thickness	**1.75 mm**
Weight	**1000 g**

Summary

Experience the natural texture of wood combined with eco-friendly precision for your 3D prints.

- ✓ Wood-like finish: Gives prints a natural look and real-wood feel.
- ✓ Eco-friendly material: PLA blended with biodegradable wood fibers.
- ✓ Easy to post-process: Can be sanded and finished like real wood.
- ✓ Low printing odor: Mild wood scent, no heated bed required.
- ✓ Stable printing: Tangle-free, smooth flow and high ± 0.02 mm precision.

Product description

Gilford PLA+ BIO WOOD

Safe for health and the environment, natural wood appearance, no bubbles, no shrinkage – a sustainable filament for 3D printing.

High Precision: 1.75 mm ± 0.02 mmNo Clogging: For the best printing experienceTangle-Free: Neatly wound on the spoolBubble-Free: No risk of print defects

Bio-Based and Biodegradable

Gilford PLA+ BIO is made from PLA blended with natural wood fiber particles, creating a filament that is not only environmentally friendly and biodegradable – but also visually and tactilely resembles real wood. It requires no heated bed and emits a mild, pleasant wood scent during printing.

Natural Wood Feel

This wood-based filament creates prints with a warm, organically inspired surface – ideal for models, artwork, and prototypes where a rustic or natural look is desired. The surface gains a wood-like texture that can be sanded and post-processed like real wood.

Strict Quality Control

The 1.75 mm filament has a minimal tolerance of ± 0.02 mm. Neatly arranged and 100% tangle-free – even with wood particles mixed in.

Vacuum-Sealed Packaging

We keep the filament dry through airtight packaging, ensuring that each spool reaches the user in perfect condition. Gilford filament quality is consistent.

Smooth Printing

Gilford PLA+ BIO prints smoothly and steadily. It’s easy to use in standard FDM printers and provides strong layer adhesion despite the wood content. Perfect for decorative and functional parts with a natural feel.

Broad Compatibility

Use Gilford PLA+ BIO to create unique wood-like 3D prints in art, design, crafts, or prototypes – compatible with most 3D printers on the market.

Technical Specification Matrix

Header

Manufacturer	**Gilford**
Product Line	**PLA+**

Features

Printing material	**PLA**
Printing colours	**Wood**
Filament quality	**Wood fiber**
Minimum extruder tip temperature	**200 °C**
Fused filament fabrication (FFF)	**Yes**
Melting point (min)	**200 °C**
Print temperature guideline	**200 °C**
Build plate temperature	**60 °C**
Nozzle temperature	**200 °C**
Country of origin	**China**

Weight & dimensions

Weight	**1000 g**
Thickness	**1.75 mm**
Wire length	**330000 mm**

Packaging data

Quantity per pack	**1 pc(s)**
Package type	**Box**