



Gilford PLA+ CWOOD 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 $\pm$ 0.02 mm
No Clogging: For the best printing experience
Tangle-Free: Neatly wound on the spool
Bubble-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 $\pm$ 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