



PETG Bio Red 1.75mm 1kg

Data sheet

Summary

- ✓ Consistent 1.75 mm diameter with ± 0.05 mm tolerance for accurate, detailed prints.
- ✓ Prints reliably at about 220°C with a heated bed around 75°C, suitable for most FFF printers.
- ✓ Smooth, bubble-free winding and reduced clogging for uninterrupted print runs.
- ✓ Bio-based and RoHS compliant, made from fermented plant starch for a more eco-friendly option.
- ✓ Spool contains 1 kg of filament, approx. 330 m in length, boxed and supplied as 1 piece per pack.

Product description

Why choose this filament spool?

Gilford PETG Bio Red 1.75mm 1kg offers a practical balance of durability and printability for prototyping and functional parts. It produces smooth, full-color surfaces with low shrinkage, which helps reduce rework and material waste. The biodegradable, RoHS-compliant formulation supports more sustainable workflows while remaining compatible with most FFF 3D printers.

PETG Bio Red 1.75mm 1kg in short:

- Consistent 1.75 mm diameter with ± 0.05 mm tolerance for accurate, detailed prints.
- Prints reliably at about 220°C with a heated bed around 75°C, suitable for most FFF printers.
- Smooth, bubble-free winding and reduced clogging for uninterrupted print runs.
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How you can use this filament

PETG Bio Red 1.75mm 1kg is wound on a robust spool for easy feed and storage. The material is suitable for prototypes, functional parts, and models that benefit from good strength and a clean surface finish. You can steam polish finished parts for a smoother look. Follow the suggested nozzle and bed temperatures to get consistent results, and check printer compatibility if your machine has unusual extrusion requirements.

Technical Specification Matrix

Header

Manufacturer	Gilford
Product Line	PETG
Model	PETG RED 1KG

Features

Printing material	PETG
Printing colours	Red
Filament quality	Standard
Minimum extruder tip temperature	220 °C
Fused filament fabrication (FFF)	Yes
Melting point (min)	220 °C
Print temperature guideline	220 °C

Build plate temperature	75 °C
Nozzle temperature	220 °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