

CARBON FIBER PLA FILAMENT

END USE

Carbon Fibre Filament is PLA or PETG that contains carbon fibres, which make the 3D printed object very rigid. It is an excellent choice for RC hobbyists and components that need that extra rigidity. However, the carbon fibres, will, over time, wear out the inside of your nozzle so it is always recommended you use a hardened steel nozzle.

PHYSICAL PROPERTIES

Product Code(s)	PLA-CRB-1000
Colour(s)	Black
Stiffness (MPa)	6560
Impact (J/m)	53
Flexural Strength (MPa)	96
HDT Deg (°C)	54
Composition	Nature Works PLA Resin + short chopped Carbon Fibres (16%)

APPLICATION

Consists of Polylactic acid and carbon fibres.
Special property: Known for rigid 3D printing results.

PRINTER SETTINGS

Spool Net Weight: 1kg	Print Temperature: 190-210°C	Bed Temperature: N/A
Diameter: 1.75mm ± 0.05mm	Print Speed: 50-90mm/s	