gembird®

3DP-PLA1.75-02-CARBON

PLA Filament Carbon, 1.75 mm, 0.8 kg

VERSATILE & EASY TO USE

- PLA (polylactide) is a biodegradable thermoplastic polyester, which is easy to print for variety 3D printers.
- It has no odor, a lower melting point and good flowbility, no need to post-treatment
- The surface shows a metal texture after polishing.
- Carbon fiber is a mixture of carbon and PLA polymer.

Features

- High modulus Carbon Fiber excellent stiffness
- Large intensity, small shrinkage rate
- Makes the object of more texture and intensity

Specifications

Material: PLA, 1.75 mm diameter
Weight: 1 kg/spool (2.2 lbs)
Length: approx. 330 m
Density at 21.5 °: 1.24 g / cm3
Melt Flow Index at g / 10 min 200 °C / 5 kg: 7
Melt Point: 190 °C 220 °C
Heat-Deflection-Temperature: 56 °C
Yield Strength at 5 mm / min: 66 MPa
Impact Strength: 4.8 KJ/m2
Ensile Break: 13 %
Diameter: 1.75 mm ± 0.05 mm
Spool dimensions: 200 mm (diameter) x 67 mm (height) x 53 mm (central hole)

Packaging

Q'ty in crtn, pcs	8
Crtn volume, CUM	0.034
Crtn weight, kgs	11.04
Individual package size LxWxH:	215x70x215 mm
Carton size LxWxH:	454x308x240 mm
Country of origin	CN
Barcode	8716309094924
Customs code	3916909000

System requirements

A 3D printer with 1.75 mm extruder of temperature around 200 °C, suitable for PLA filament

Certificates