# gembird®

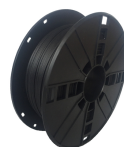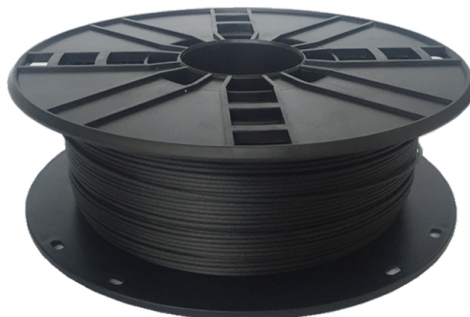## 3DP-PLA1.75-02-CARBON
# PLA Filament Carbon, 1.75 mm, 0.8 kg

## 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 based, Carbon filled, 1.75 mm diameter
Weight: 0.8 kg/spool (1.76 lbs)
Length: approx. 260 m
Density at 21.5 °C: 1.32 g/cm3
Melt Flow Index at g/10min 200°C/2.16kg: 5.5
Melt Point: 190 210 °C
Heat-Deflection-Temperature: 58°C
Tensile Strength: 70 MPa
Impact Strength: 30 KJ/m2
Ensile Break: 3.5 %
Diameter: 1.75 ± 0.05 mm

## Packaging

| | |
|---|---|
| Q'ty in crtn, pcs | 8 |
| Crtn volume, CUM | 0.036 |
| Crtn weight, kgs | 11.66 |
| Individual package size LxWxH: | 210x210x85 mm |
| Carton size LxWxH: | 440x440x185 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