

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 flowability, 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

### 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     |

### 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/cm<sup>3</sup>  
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/m<sup>2</sup>  
Elongation at Break: 3.5 %  
Diameter: 1.75 ± 0.05 mm  
Spool dimensions: 200 mm diameter x 67 mm height x 53 mm central hole

### System requirements

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

### Certificates

