

3DP-PLA3-01-BK

## Filament, PLA Black, 3 mm, 1 kg

### VERSATILE & EASY TO USE

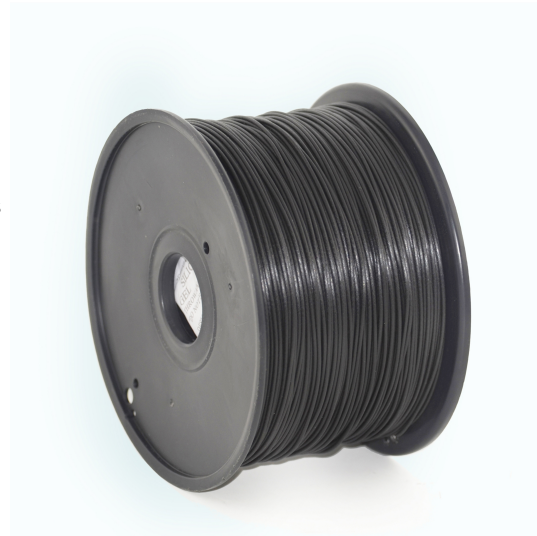
- PLA (polylactide) is a biodegradable thermoplastic polyester, which is easy to print for variety 3D printers.
- It has no odor, a lower melting point and good flowability, no need to post-treatment.

### Features

- High precision roundness enables higher printing quality
- No bubbles, vivid colors
- Can be applied to a variety of 3D printers

### Packaging

Q'ty in crtn, pcs	12
Crtn volume, CUM	0.051
Crtn weight, kgs	15.4
Individual package size LxWxH:	180x180x110 mm
Carton size LxWxH:	380x355x380 mm
Country of origin	CN
Barcode	8716309088923
Customs code	3916909000



### Specifications

Material: PLA, 3 mm diameter  
Weight: 1 kg/spool (2.2 lbs)  
Length: approx. 120 m  
Density at 21.5°C: 1.25 g/cm<sup>3</sup>  
Melt Flow Index at 10min, 2.16kg: 5  
Melt Point: 190 220 °C  
Heat-Deflection-Temperature at 0.455 MPa: 50 °C  
Yield Strength at 5mm/min: 45 MPa  
Impact Strength: 5 KJ/m<sup>2</sup>  
Elongation at Break: 20 %  
Diameter: 3.00 ± 0.05 mm  
Spool dimensions: 200 mm diameter x 67 mm height x 53 mm central hole

### System requirements

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

### Certificates

