

3DP-PLA-01-MTSG

## Filament, matte PLA, Slate grey, 1.75 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
- The material is composed of PLA and ester
- Matte surface

### 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              | 8              |
| Crtn volume, CUM               | 0.033          |
| Crtn weight, kgs               | 12             |
| Individual package size LxWxH: | 208x208x63 mm  |
| Carton size LxWxH:             | 310x450x235 mm |
| Country of origin              | CN             |
| Barcode                        | 8716309127134  |
| Customs code                   | 3916909000     |



### Specifications

Material: PLA, 1.75 mm diameter  
Weight: 1 kg/spool (2.2 lbs)  
Length: approx. 340 m  
Density at 21.5 °C: 1.21 g/cm<sup>3</sup>  
Melt Flow Index at 10min, 2.16kg: 6...8  
Melt Point: 190 220 °C  
Heat-Deflection-Temperature at 0.455 MPa: 50 °C  
Yield Strength at 5mm/min: > 30 MPa  
Impact Strength: 5 KJ/m<sup>2</sup>  
Tensile Break: 20 %  
Diameter: 1.75 ± 0.05 mm  
Spool dimensions: 200 mm diameter x 67 mm height x 60 mm central hole

### System requirements

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

### Certificates

