



### **Filament, Polymer Glossy Silk Black, 1.75 mm, 1kg**

3DP-PS1.75-01-BK

- Silk filament is a hybrid polymer composite material, made by a variety of biopolymers. It has a unique glossy silk-like appearance. This material is perfect to make your models look more compelling and beautiful. It's very suitable for printing lamps, vases and decorative items.



#### **Features**

- Glossy silky pearl-like surface finish
- Good toughness and high abrasion resistance
- Can be applied to a variety of 3D printers

#### **Packaging**

Q'ty in crtn, pcs	8
Crtn volume, CUM	0.036
Crtn weight, kgs	11.56
Individual package size LxWxH:	210x210x80 mm
Carton size LxWxH:	440x440x185 mm
Country of origin	CN
Barcode	8716309092623
Customs code	3916909000

#### **Specifications**

Material: polymer silk, 1.75 mm diameter  
 Weight: 1 kg/spool (2.2 lbs)  
 Density at 215 °C: 1.14 g/cm<sup>3</sup>  
 Melt Flow Index at 10min, 190°C/ 2.16kg: 6  
 Melt Point: 190 210 °C  
 Hotbed required: no  
 Heat-Deflection-Temperature at 0.512 MPa: 50 °C  
 Yield Strength at 5mm/min: 105 MPa  
 Impact Strength: 4.9 KJ/m<sup>2</sup>  
 Ensile Break: 17 %  
 Diameter: 1.75 ± 0.05 mm

#### **System requirements**

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

#### **Certificates**

