

## ABS plastic filament for 3D printers, 3 mm diameter, white

3DP-ABS3-01-W

### VERSATILE & EASY TO USE

- Acrylonitrile butadiene styrene (ABS) is a common thermoplastic strong, flexible durable plastic available in a range of colors.
- ABS is the plastic used in lots of things around us and is perfect for heated plastic extrusion 3D printing.



### Features

- High strength, good toughness
- Low density: when printing larger volume the model is lighter
- Can be applied to a variety of 3D printers

### Packaging

Q'ty in crtn, pcs	12
Crtn volume, CUM	0.053
Crtn weight, kgs	15.4
Individual package size LxWxH:	180x180x110 mm
Carton size LxWxH:	380x360x385 mm
Country of origin	CN
Barcode	8716309088718
Customs code	3916909000

### Specifications

Material: ABS, 3 mm diameter  
Weight: 1 kg/spool (2.2 lbs)  
Length: approx. 140 m  
Density at 21.5°C: 1.01 g/cm<sup>3</sup>  
Melt Flow Index at 10min, 2.16kg: 5  
Melt Point: 225-240 °C  
Heat-Deflection-Temperature at 0.455 MPa: 85 °C  
Yield Strength at 5mm/min: 45 MPa  
Impact Strength: 16 KJ/m<sup>2</sup>  
Elongation at Break: 30 %  
Diameter: 3.00 ± 0.05 mm

### System requirements

A 3D printer with 1.75 mm extruder of temperature around 230 °C, suitable for use with ABS filament

### Certificates

