

3DP-ABS1.75-01-R

**ABS Filament Red, 1.75 mm, 1 kg****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              | 8              |
| Crtn volume, CUM               | 0.036          |
| Crtn weight, kgs               | 11.87          |
| Individual package size LxWxH: | 210x210x85 mm  |
| Carton size LxWxH:             | 440x440x185 mm |
| Country of origin              | CN             |
| Barcode                        | 8716309088428  |
| Customs code                   | 3916909000     |

**Specifications**

Material: ABS, 1.75 mm diameter  
Weight: 1 kg/spool (2.2 lbs)  
Length: approx. 400 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: 1.75 ± 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**