

3DP-ABS1.75-01-BK

ABS Filament Black, 1.75 mm, 1 kg

VERSATILE & EASY TO USE

- Acrylonitrile butadiene styrene (ABS) is a common thermoplastic strong and 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

- ABS filament with 1.75 mm diameter
- Excellent chemical resistance
- High Stiffness and good impact resistance at low temperatures
- Easily processed with good surface finish
- Can be used in a variety of 3D printers

Packaging

| | |
|--------------------------------|----------------|
| Q'ty in crtn, pcs | 8 |
| Crtn volume, CUM | 0.036 |
| Crtn weight, kgs | 11.74 |
| Individual package size LxWxH: | 210x210x80 mm |
| Carton size LxWxH: | 440x440x185 mm |
| Country of origin | CN |
| Barcode | 8716309088350 |
| Customs code | 3916909000 |

Certificates



Specifications

Material: ABS, 1.75 mm diameter
Weight: 1 kg/spool (2.2 lbs)
Length: approx. 400 m
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Density at 21.5 °C: 1.01 g/cm³
Melt Flow Index at 10min, 2.16kg: 5
Melt Point: 225 240 °C
Print Plate > 80 °C
Heat-Deflection-Temperature at 0.455 MPa: 85 °C
Yield Strength at 5mm/min: 45 MPa
Impact Strength: 16 KJ/m²
Tensile Break: 30 %
Diameter: 1.75 ± 0.05 mm
Spool dimensions: 200 mm diameter x 63 mm height x 60.5 mm central hole

System requirements

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