

3DP-ABS1.75HY-01-R

High Speed 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 speed filament for fast printers like Bambu Lab, Creality K1(max), FF 5M(PRO) and Voron printers
- Fits perfectly in Bambu Labs Automatic Material System
- Suitable for CoreXY machines
- Printing at the highest speed in sport and ludicrous mode
- The filament with improved melting possibility that helps to print with higher speed
- 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	0.033
Crtn weight, kgs	11.11
Individual package size LxWxH:	213x72x215 mm
Carton size LxWxH:	450x310x235 mm
Country of origin	CN
Barcode	8716309131674
Customs code	3916909000

Certificates



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/cm³
Melt Flow Index at 10 min, 2.16kg: >16g
Melt Point: 225 240 °C
Print Plate: = 80 °C
Heat-Deflection-Temperature at 0.455 Mpa: 75 °C
Yield Strength at 50 mm/min: 40 Mpa (3D printing)
Impact Strength: 16 KJ/m² Molding Shrinkage <0.3%
Printing speed: 60-600 mm/s or M.V.S 12-18mm³/s
Tensile Break: 3-5 %
Diameter: 1.75 ± 0.05 mm
Spool dimensions: 198 mm (diameter) x 67 mm (height) x 55 mm (central hole)

System requirements

A 3D printer suitable for processing 1.75mm ABS filament.