

3DP-HIPS1.75-01-R

Filament, HIPS Red, 1.75 mm, 1 kg

VERSATILE & EASY TO USE

- Practical liquid soluble HIPS material (High impact polystyrene) is a versatile, economical and impact-resistant support material.
- HIPS is soluble in Limonene and can be glued by acetone or superglue (Cyanoacrylate).
- Can be used as both standalone material and support material for over-lengths and holes in ABS parts.



Features

- HIPS filament
- Maintains strength in high-impact applications
- Easily moldable, good dimensional stability and low volatility
- Suitable for use in a variety of 3D printers
- Can be easily glued and painted

Packaging

Q'ty in crtn, pcs
Crtn volume, CUM
Crtn weight, kgs
Individual package size LxWxH:
Carton size LxWxH:
Country of origin
Barcode
Customs code

8
0.036
11.21
210x210x85 mm
440x440x185 mm
CN
8716309089180
3916909000

Certificates



Specifications

Material: HIPS, 1.75 mm diameter
Weight: 1 kg/spool (2.2 lbs)
Length: approx. 400 m
Density at 21.5 °C: 1.04 g/cm³
Melt flow index at 10 min, 2.16 kg: 8-10g
Melt point: 230 °C 250 °C
Print Plate: 70 °C 90 °C
Printing speed: 60 350 mm/s or M.V.S 6 8 mm³/s
Heat-deflection-temperature at 0.455 MPa: 70°C
Yield Strength at 5 mm/min: 28-32 MPa
Impact Strength: 10 KJ/m²
Tensile Break: 40-50 %
Diameter: 1.75 mm ± 0.05 mm
Spool dimensions: 200 mm (diameter) x 63 mm (height) x 60.5 mm (central hole)

System requirements

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