

3DP-HIPS3-01-OR

Filament, HIPS Orchid, 3 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	12
Crtn volume, CUM	0.051
Crtn weight, kgs	16
Individual package size LxWxH:	180x180x115 mm
Carton size LxWxH:	380x360x370 mm
Country of origin	CN
Barcode	8716309089524
Customs code	3916909000

Specifications

Material: HIPS, 3 mm diameter
 Weight: 1 kg/spool (2.2 lbs)
 Length: approx. 140 m
 Density at 21.5°C: 1.04 g/cm³
 Melt Flow Index at 10min, 2.16kg: 4
 Melt Point: 225 240 °C
 Heat-Deflection-Temperature at 0.455 MPa: 7 °C
 Yield Strength at 5mm/min: 80 90 MPa
 Impact Strength: 10 KJ/m²
 Ensile Break: 55 %
 Diameter: 3.00± 0.05 mm
 Spool dimensions: 200 mm diameter x 67 mm height x 53 mm central hole

System requirements

A 3D printer with 3 mm extruder of temperature around 230 °, suitable for HIPS filament
 Do not remove 3D printed parts until they are fully cooled down

Certificates

