

3DP-HIPS3-01-TN

## Filament, HIPS Tan, 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	0.049
Crtn weight, kgs	16
Individual package size LxWxH:	180x180x110 mm
Carton size LxWxH:	375x350x375 mm
Country of origin	CN
Barcode	8716309089548
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/cm<sup>3</sup>  
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/m<sup>2</sup>  
Elongation at 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 °C, suitable for HIPS filament  
Do not remove 3D printed parts until they are fully cooled down

### Certificates

