

3DP-PETG1.75HY-01-W

## High Speed PETG filament, white, 1.75 mm, 1 kg

### VERSATILE & EASY TO USE

- Polyethylene terephthalate (PETG) is an amorphous thermoplastic of the polyester family
- Perfect combination of clarity and strength. The clarity of PETG approaches that of Acrylic and impact resistance is close to Polycarbonate
- Easy to print with a variety of 3D printers



### 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
- Very high strength filament
- Impact Resistant PETG is less brittle than acrylic, and is a lower cost alternative to polycarbonate
- Chemical Resistant offers superior chemical resistance when compared with many other transparent plastics

### 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	8716309131599
Customs code	3916909000

### Specifications

Material: PETG, 1.75 mm diameter  
 Weight: 1 kg/spool (2.2 lbs)  
 Density at 25°C: 1.27 g/cm<sup>3</sup>  
 Melt Flow Index at g/10 min, 200°C/ 2.16kg: >14  
 Melt Point: 220 260 °C  
 Heat-Deflection-Temperature at 0.455 MPa: 60 80 °C  
 Yield Strength at 50 mm/min: 47 MPa  
 Printing speed: 60-600 mm/s  
 Impact Strength: 8.7 KJ/m<sup>2</sup>  
 Elongation at Break: 3-4 %  
 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 with 1.75 mm extruder of temperature around 240 °C, suitable for PETG filament

### Certificates

