

3DP-PETG1.75-01-B

Filament, PETG Blue, 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

- 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.
- Environmental friendly as it is considered 100% recyclable
- Very low shrinkage makes printing large flat surfaces a breeze
- Easily printed on any acrylic, glass, Kapton and other printing platform

Specifications

Material: PETG, 1.75 mm diameter

Weight: 1 kg/spool (2.2 lbs)
Density at 240°C: 1.27 g/cm3

Melt Flow Index at g/10min, 200°C/ 5kg: 20

Melt Point: 220 260 °C

Heat-Deflection-Temperature at 0.455 MPa: 60 80 °C

Yield Strength at 5mm/min: 50 MPa

Impact Strength: 8.7 KJ/m2 Ensile Break: 120 % Diameter: 1.75 ± 0.05 mm

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 0.034 11.3 210x210x90 mm 430x430x185 mm CN 8716309090803 3916909000

System requirements

A 3D printer with 1.75 mm extruder of temperature around 240 °C, suitable for PETG filament

Certificates





