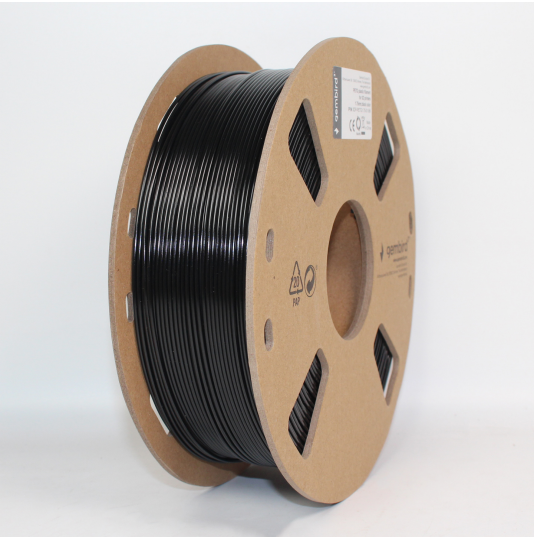
3DP-PETG1.75-01-BK

Filament, PETG Black, 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

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
Spool dimensions: 200 mm diameter x 67 mm height x 53 mm central hole

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

Packaging

Q'ty in crtn, pcs	8
Crtn volume, CUM	0.034
Crtn weight, kgs	11.18
Individual package size LxWxH:	210x210x90 mm
Carton size LxWxH:	430x430x185 mm
Country of origin	CN
Barcode	8716309090612
Customs code	3916909000

System requirements

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

Certificates

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