3D

PET Filament

- High performance Polyethylene Terephthalate (PET) filament.
- To be used with widely available fused filament fabrication (FFF) 3D printers.
- Offers good layer adhesion, high resolution and is easy to handle.
- High level of optical transparency (90%) and strength.
- Commonly used to produce food and beverage containers and bottles.

*Note: This is preliminary data and not to be considered final specifications. Specification values are for reference only and not intended as a warranty of any kind.

Product Specifications

Diameter accuracy	± 0.05mm
Extrusion temperature	210 °C - 230 °C
Bed temperature	50 °C - 60 °C
Material net weight	500 g
Filament length	2.85 mm - 59 m 1.75 mm - 155 m
Density	1.34 g/cm^3
Glass transition temperature	70 °C
Melt temperature	214 °C
Transparency	90%
Tensile strength	70 MPa
Tensile elasticity	2.3 GPa
Tensile elongation	9%

Verbatim™

Technology you can trust

3D

PET Filament

Colour	Part Number	PANTONE® ref.*		Diameter	Weight
Transparent	55751		Clear	1.75 mm	500 g
Transparent	55752		Clear	2.85 mm	500g

* Closest PANTONE® colour reference

Verbatim filament is manufactured from high quality materials to extremely rigid standards. The filaments are manufactured from the highest quality materials and produced to extremely tight tolerances to ensure consistent feed and stable printing. The filaments are distributed in vacuum-sealed bags with desiccant, and wound onto a custom spool that has been designed for strength, uniform dynamic performance and trouble-free dispensing.

Verbatim™

Technology you can trust