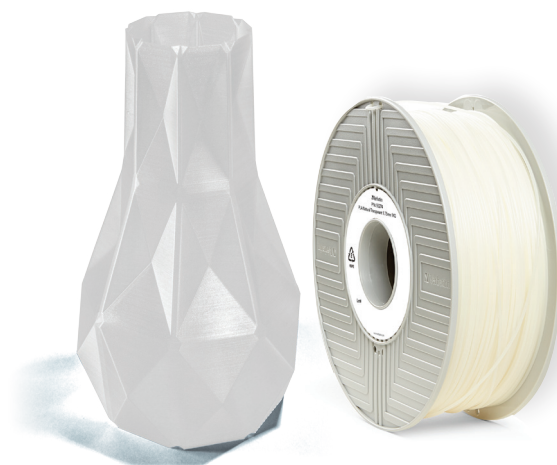




# PET Filament

- High performance Polyethylene Terephthalate (PET) for material extrusion (ME)
- High level of optical transparency
- Relatively odourless
- Weather resistant
- Food packaging grade pellets used
- Main applications: Concept modelling for mechanics, medical, food containers, transparent objects
- Made in Japan



## Product Specifications

Diameter accuracy	± 0.05mm
Material net weight	500 g
Filament length	155 m
Density	1.34 g/cm <sup>3</sup>
Glass transition temperature	70 °C
Melt temperature	214 °C
Tensile strength	70 MPa
Tensile elasticity	2.3 GPa
Tensile elongation	9%

## Recommended printer set up

Extrusion temperature	210-240 °C
Bed temperature	60 °C
Printing speed	30mm/s



# PET Filament

Colour	Part Number		PANTONE® ref.*	Diameter	Weight
Natural Transparent	55751	<input type="checkbox"/>	N/A	1.75 mm	500 g

\* 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.