



# PP Filament

- High quality Polypropylene (PP) filament.
- To be used in widely available Fused Fabrication Filament (FFF) printers.
- Very good heat resistance.
- Suitable for food packaging, medical applications, IT equipment and other applications that require softness and heat resistance.
- Double-sided adhesive tape recommended for bed.



\*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\*

## Test Method

Diameter accuracy	± 0.05 mm	
Extrusion temperature	220°C	
Bed temperature	100°C	
Material net weight	500 g	
Filament length	1.75 mm - 234 m 2.85 mm - 88 m	
Melt Flow Rate	20.0 g/10min	ISO 1133
Density	0.89 g/ cm <sup>3</sup>	ISO 1183
Flexural Modulus	350 MPa	ISO 178
Flexural Strength	14 MPa	ISO 178
Tensile Strength	14 MPa	ISO 527 (yield)
Tensile Elongation	> 200 %	ISO 527
Impact Strength (Charpy)	10 kJ/m <sup>2</sup>	ISO 179 (0°C)
Durometer Hardness	Shore D55	ISO 868
Vicat softening temperature	115°C	ISO 306





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Colour	Part Number		PANTONE® ref.*	Diameter	Weight
Transparent	55950	<input type="checkbox"/>	Clear	1.75 mm	500 g
Transparent	55951	<input type="checkbox"/>	Clear	2.85 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.

