

# Verbatim PP filament 1.75 mm - Transparent

- **Product Number:** 55950

## Product Specifications

<b>Diameter accuracy:</b>	1.75 ± 0.05 mm
<b>Extrusion temperature:</b>	220 °C
<b>Bed temperature:</b>	100 °C
<b>Material Net Weight:</b>	0.5 kg
<b>Filament Length:</b>	233 m
<b>Melt Flow Rate @ 230 °C, 21.1N:</b>	20.0 g/(10 minutes)
<b>Density:</b>	0.89 g/cm <sup>3</sup>
<b>Viscat softening temperature:</b>	115 °C
<b>Durometer Hardness:</b>	Shore D55
<b>Flexural Strength:</b>	14 MPa
<b>Flexural Modulus:</b>	350 MPa
<b>Impact Strength (Charpy):</b>	10 KJ/m <sup>2</sup>
<b>Tensile Strength:</b>	14 MPa
<b>Tensile Elongation:</b>	> 200%

## Product Information

- High quality Polypropylene (PP) filament for fused fabrication filament (FFF) material extrusion
- One of the most commonly used plastics in industry
- Good mechanical properties of stiffness and tensile strength
- Good surface finish
- Resistant to acids, alkalis and organic solvents
- Very light
- Food package grade pellets used
- Good transparency
- Hinge property
- Main applications: Technical products, automotive, mechanical engineering, prototypes, toys

\*PP film tape recommended for bed