

**BEE SUPPLIES**  
3D PRINTING FILAMENT

# TECHNICAL DATASHEET

## PET G

**RAW MATERIAL**    PET G - Polyethylene terephthalate glycol-modified

**APPLICATION**    3D Printing

### MATERIAL SPECIFICATIONS

		<b>TEST METHOD (ASTM)</b>
Density	1,25 g/cm <sup>3</sup>	DIN 1183
Melting point	75 – 85°C	DIN EN ISO 11357, 20°C/min
Tenacity	Min. 4.0 cN/tex	DIN EN ISO 2062 L=500mm, V=500mm/min
Tensile Strength	Min. 12 daN	DIN EN ISO 2062 L=500mm, V=500mm/min
Elongation	Max. 5.0%	DIN EN ISO 2062 L=500mm, V=500mm/min

### FILAMENT SPECIFICATIONS

Diameter 1.75mm	1.75 ± 0.05 mm
Roundness deviation	max 3%
Suggested print temperature (guideline)	215-230°C
Suggested print speed	40-50 mm/s
Suggested bed temperature	0-60°C
Advised Fan air	0-50%

Manufactured for BEEVERYCREATIVE