

Technical Datasheet PETG

General Information

General information	PETG Filament
Polymer Name	Polyethylene Terephthalate Glycol copolymer

Filament specifications

Trade diameter	1.75	mm
physical diameter	1.75	mm
tolerance	0.05	mm

Material specifications

Property	Value	unit	Test method
General			
Density	1.24	g/cc	ISO 1183
Mechanical			
Flexural Modulus	1610	MPa	ISO 178
Flexural Strength	72	MPa	ISO 178
Tensile Modulus	1654	MPa	ISO 527
Tensile Strength	45	MPa	ISO 527
Tensile Elongation, Break	24	%	ISO 527
Thermal Property			
Glass Transition Temperature(Tg)	80	°C	DSC
Heat Distortion Temperature (HDT) @0.45MPa	73	°C	ISO 75