

PETG Technical Data

Physical (When Injection Molded)

Water Absorption	< .015%
Rockwell Hardness	102-112 R-Scale

Mechanical (When 3D Printed)

Tensile Strength - Yield	6640 psi
Tensile Strength - Break	2630 psi
Elongation - Break	18%
Flexural Strength	9880 psi
Flexural Modulus	267,000 psi
Izod Impact Strength	0.69 ft lb/in
Impact Resistance Energy	20-25 lbf

Thermal

Heat Distortion Temp	
/@ .455 Mpa (66 psi)	71.8 C
/@ 1.82 Mpa (264 psi)	65 C
Vicat Softening Temp	84 C
Glass Transition Temp	82 C

Electrical

Dielectric Strength	14- 18 kV/mm
Volume Resistivity	10 " 15 Ohm cm
Surface Resistivity	10"16 Ohm

Flammability

UL Flammability Classification	
/@ min. 1.6 thickness	HB
/@ min. 3.2 thickness	V-2