

Prototyping PETG

Glycol-modified PET; combines toughness and chemical resistance with easier printability than ABS

Key Attributes

Tough, good layer adhesion, low shrinkage, better chemical resistance than PLA, transparent grades available

Properties

Property	Value (Imperial)	Value (Metric)
Maximum Part Size	19.685" x 19.685" x 19.685"	500 × 500 × 500 mm
Minimum Feature Size	.039"	1.0 mm
Tensile Strength	5.8-8.7 ksi	40–60 MPa
e_modulus	290.1-362.6 ksi	2.0–2.5 GPa
Heat Deflection	158-185 °F	70–85 °C
Elongation	10–25%	10–25%

