

Material Data Sheet

TECH-G / High Performance PETG

polyethylene terephthalate

Mechanical Properties*

Type	Test Method	Imperial	Metric
Tensile Modulus	ASTM D638	63839 psi	Mpa
Yield Point	ASTM D638	psi	Mpa
Tensile Elongation at Yield	ASTM D638	%	%
Tensile Strength Ultimate	ASTM D638	5,900 psi	55.84753 Mpa
Tensile Elongation at Break	ASTM D638	3%	3%

Thermal Properties

	Test Method	Imperial	Metric
Melting Point	ISO 306B50	°F	217°C
Glass Transition (TG)		°F	77°C
Degradation Temperature		°F	294°C

Physical Characteristics

Type	Imperial	Metric
Density	lbs/in	gr/cm ³
Colors:	Clear (natural)	
Shrinkage	.0029%	