

UltraTuf PETG



Typical Properties*

Property	Test Method	Units	Values
PHYSICAL			
Specific gravity	ASTM D 792	-	1.27
Water absorption	ASTM D 570	%	0.2
Rockwell Hardness, R-scale	ASTM D 785	-	115
MECHANICAL			
Tensile modulus	ASTM D 638	psi	320,000
Tensile strength	ASTM D 638	psi	7,700
Flexural modulus	ASTM D 790	psi	310,000
Flexural strength	ASTM D 790	psi	11,200
Izod impact notched 72°F	ASTM D 256	ft-lb/in	1.7
Izod impact notched -20°F	ASTM D 256	ft-lb/in	0.7
THERMAL			
Heat deflection temperature (66 psi)	ASTM D 648	°F (°C)	179 (82)
FLAMMABILITY RATINGS			
Flammability	UL 94-HB	-	>0.010"
Flammability	UL 94-V2	-	>0.118"
Flammability	MVSS 302	-	>0.040"
ELECTRICAL			
Optical refractive index	ASTM D 542	-	1.57
Light transmission -total	ASTM D 1003	%	>86
Light transmission - haze	ASTM D 1003	%	1

*Typical properties are not intended for specification purposes.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.