



UltraTuf SG

Ultra Tuf SG, a UV-resistant grade of polycarbonate, combines the high impact strength, stiffness, and heat resistance of Ultra Tuf with greatly enhanced weatherability. Suitable for signs, exterior displays, and other demanding outdoor applications.

UltraTuf SG Data

Test	Condition	Units	Value
Specific Gravity	ASTM D792	g/cm ³	1.20
Tensile Strength	ASTM D638	psi	9,000
Flexural Modulus	ASTM D790	psi	312,000
Flexural Strength	ASTM D790	psi	13,000
Izod Impact	ASTM D256 73°F	ft-lbs/in.	16.0
Falling Dart Impact	ASTM D3763 73°F	in-lbs	600
Heat Deflection Temperature	ASTM D648	°F	260
Hardness	ASTM D785	Rockwell R	110
Gardner Gloss	ASTM D523	%	90
Coefficient of Thermal Expansion	ASTM D-696	in/in/°Fx10 ⁻⁵	3.8
Flammability	UL94 HB		Passes

Spartech warrants that its products conform to its published specifications in effect at the time of sale, but Spartech expressly disclaims any warranties of the merchantability and of fitness for a particular purpose with respect to its products. The values shown above are representative of values that have been obtained in the testing of samples produced in various colors. Each user of the material should conduct his own testing and evaluations to determine the effectiveness, safety, and suitability of the material for its particular use.