

UltraTuf® SG

Copolyester

Product Description

UltraTuf® SG, manufactured using Eastman Tritan® copolyester, is an ideal material for signage and glazing applications. Its strength and versatility provide ease in fabrication using many techniques, including thermoforming, cutting and routing. Due to excellent formability at low temperatures, UltraTuf® SG can be thermoformed after decoration with vinyl graphics and screen inks. UltraTuf® SG provides the strength and formability required without sacrificing superior design aesthetics.

UltraTuf® SG offers exceptional forming detail, improved material distribution, short heating and cooling cycles, and no pre-drying. These features allow sign manufacturers to save on energy, labor and production costs.

Technical Properties

Property	Test Method	Value*
Specific Gravity	ASTM D-792	1.18
Rockwell Hardness (R Scale)	ASTM D-785	114
Tensile Strength (yield)	ASTM D-638	6,500 psi
Tensile Strength (break)	ASTM D-638	6,600 psi
Flexural Modulus	ASTM D-790	218,000 psi
Izod Impact (Notched) 72°F	ASTM D-256	18.9 ft-lbs/in
Izod Impact (Notched) 0°F	ASTM D-256	18.8 ft-lbs/in
Izod Impact (Notched) -30°F	ASTM D-256	2.5 ft-lbs/in
Heat Deflection Temperature (@264 psi)	ASTM D-648	196 °F
Heat Deflection Temperature (@66 psi)	ASTM D-648	211 °F

**All values based on 0.125" unless otherwise stated*

For additional information, please contact Spartech at 800-677-4338 (800-67-SHEET), e-mail info@spartech.com or visit our website at www.spartech.com

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