

Extreme HG

High Gloss TPO Sheet

Product Description

Extreme HG is a high gloss, high performance, thermoplastic olefin (TPO) structure engineered for improved thermoforming characteristics. Extreme HG provides a wide processing range, enabling consistent, controlled sag performance for stable thermoforming. For OEM's, Extreme HG provides excellent cold crack resistance, outstanding chemical resistance and a high gloss molded-in-color surface. Along with the improved processing window, Extreme HG provides the most cost-effective TPO in the marketplace for large part thermoforming applications.

Technical Properties

Property	Test Method	Value*
Specific Gravity	ASTM D-792	1.08 – 1.13
Tensile Strength	ASTM D-638	3,100 psi
Flexural Modulus	ASTM D-790	270,000 psi
Flexural Strength	ASTM D-790	9,600 psi
Izod Impact (Notched) 72°F	ASTM D-256	6.5 ft-lbs/in
Heat Deflection Temperature (@66 psi)	ASTM D-648	240°F
Coefficient of Linear Thermal Expansion	ASTM D-696	2.2×10^{-5} in/in/°C
Gardner Gloss (High Gloss, Smooth Sheet)	ASTM D-523	85 Gloss Units-60°
Flammability	UL 94-HB	Passes at 0.60"
Flammability	FMVSS 302	Passes at 0.60"

**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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