

Crylex[®] Plus – The Toughest Acrylic TufGlas – High Impact Acrylic

Impact-modified acrylic sheet

Product Description

Crylex[®] Plus and TufGlas are the preferred material for rigid formed sign faces when both weatherability and impact strength are required. Spartech's Impact Acrylics provide the necessary toughness to withstand the typical abuses of sign fabrication and installation, yet retains its color, clarity and weatherability. Clearly superior sign material choices.

Technical Properties

Property	Test Method	Crylex [®] Plus	TufGlas
Specific Gravity	ASTM D-792	1.15	1.17
Rockwell Hardness (M Scale)	ASTM D-785	45	68
Flexural Modulus	ASTM D-790	270,000 psi	380,000 psi
Izod Impact (Notched) 72°F	ASTM D-256	1.2 ft-lbs/in	0.6 ft-lbs/in
Izod Impact (Notched) 0°F	ASTM D-256	0.5 ft-lbs/in	0.2 ft-lbs/in
Falling Dart Impact 72°F, Unpainted	ASTM D-3029	10 ft-lbs	7 ft-lbs
Falling Dart Impact 72°F, Standard Paint	ASTM D-3029	2 ft-lbs	2 ft-lbs
Falling Dart Impact 72°F, Impact Paint	ASTM D-3029	11 ft-lbs	8 ft-lbs
Heat Deflection Temperature (@264 psi)	ASTM D-648	175°F	190°F
Haze 72°F	ASTM D-1003	4%	3%
Haze 140°F	ASTM D-1003	8%	8%
Water Haze 104°F, 21 days	ASTM D-1003	4.4%	2.4%
Flammability	UL 94-HB	Listed @ 0.062"	Listed @ 0.062"
Coefficient of Linear Thermal Expansion	ASTM D-696	5.7x10 ⁻⁵ in/in/°F	5.2x10 ⁻⁵ in/in/°F

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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