

Jiangsu Selexible Industrial Co., Ltd.

Acrylic Mirror

Thermal	TEST METHOD	UNITS	Value
Melting Temperature		°F	300-315
Self-Ignition Temperature	ASTM D-1929	°F	833
Smoke Density Rating	ASTM D-2843	%	3.4
Deflection Temperature @ 66 psi (0.45 MPa)	ASTM D-648	°F	207
Flammability (Burning Rate)	ASTM D-635	In/minute	1.019
Softening Temperature		°F	210-220
Maximum Recommended Continuous Service Temperature		°F	160
Deflection Temperature @ 264 psi (1.8 MPa)	ASTM D-648	°F	203
Coefficient of Thermal Expansion	ASTM D-696	in/(in-°F) x 10 ⁻⁵	3.0

Physical	TEST METHOD	UNITS	Value
Specific Gravity/Relative Density	ASTM D-792		1.19
Water Absorption	ASTM D-570	% By wt	0.4

Mechanical	TEST METHOD	UNITS	Value
Tensile Modulus of Elasticity	--	psi	**490,000
Izod Impact Strength – Molded Notch	ASTM D-256	ft-lb/in Notch	**0.4
Rockwell Hardness	ASTM D-785		**M-95
Flexural Strength	ASTM D-790	psi	**17,000
Tensile Strength	ASTM D-638	psi	**11,030

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