

Product Data - FABBACK Acrylic Mirror



TYPICAL PROPERTIES*

Property	Test Method	Units	Values
PHYSICAL			
Specific Gravity/ Density	ASTM D792		1.19
Water Absorption	ASTM D570	%	0.4
MECHANICAL			
Tensile Strength	ASTM D638	psi	11,030**
Tensile Modulus of Elasticity	ASTM D638	ps	490,000**
Flexural Strength	ASTM D790	ps	17,000**
Izod Impact Strength – Notched	ASTM D256	ft-lb/in Notch	0.4**
Rockwell Hardness	ASTM D785		M-95**
THERMAL			
Maximum Recommended Continuous Service Temperature		°F	160
Deflection Temperature @ 264 psi (1.8 MPa)	ASTM D648	°F	203**
Deflection Temperature @ 66 psi (0.45 MPa)	ASTM D648	°F	207**
Coefficient of Thermal Expansion	ASTM D696	in/in/°F	3.0x10 ⁻⁵ **
Flammability (Burning Rate)	ASTM D635i	n/minute	1.0**
Smoke Density Rating	ASTM D2843	%	3.4**
Self-Ignition Temperature	ASTM D1929	°F	833**

* Typical Properties are not intended for specification purposes **

Applicable to the acrylic substrate

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