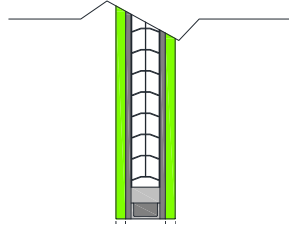


IE; BLINDS Lexan MR10 Sheet

CLASSIFICATION



PRODUCT FEATURES



Typical Property Values

Property	Test Method	Units	Value
PHYSICAL Specific Gravity (Color Dependent) Light Transmission (Average), 1/8" Thick Chemical Resistance	ASTM D792 ASTM D1003 ANSI Z26.1	--%	1.2 88 Passes**
MECHANICAL Tensile Strength, Ultimate Flexural Strength Flexural Endurance @ 1,800 Cycles/Min, 73°F, 50% RH Compressive Strength Modulus of Elasticity Drop Ball Impact Strength (5-lb steel ball dropped from a height of 40 feet) @ 73°F @ 32°F @ 0°F	ASTM D638 ASTM D790 ASTM D671 ASTM D695 ASTM D638 GE Test	psi psi psi psi psi ft-lbs	9,500 13,500 1,000 12,500 340,000 >200 >200 >200
THERMAL Coefficient of Thermal Expansion Heat Deflection Temperature @ 264 psi	ASTM D696 ASTM D648	in/in/°F ° F	3.75 x 10 ⁻⁵ 270
FLAMMABILITY Horizontal Burn (Flame Spread) AEB Ignition Temperature Flash Self	ASTM D635 ASTM D1929	in ° F	<1 873 1,076

IMPACT RESISTANCE

LEXAN MR10 sheet has up to 250 times the impact strength of glass and 30 times that of acrylic.

CODE COMPLIANCE

LEXAN MR10 sheet meets the requirements of all major model building codes.

• Model Building Code Organizations—

LEXAN MR10 sheet meets the Approved Light Transmitting Plastics requirements set by the three major Model Building Code organizations (BOCA, ICBO, and SBCCI) and Dade County. LEXAN MR10 sheet meets the highest rating— Class CC1 Approved Plastic.

• Underwriters Laboratories—

LEXAN MR10 sheet is listed as a Burglary-Resisting Glazing Material by Underwriters Laboratories according to UL Standard 972.

• CPSC: 16 CFR 1201, I, II—

LEXAN MR10 sheet complies with the Consumer Product Safety Commission's Safety Standard for Architectural Glazing Materials for both Category I and Category II applications.

ABRASION RESISTANCE COMPARISON				
	% Haze			
	Test Method	Uncoated Polycarbonate	LEXAN MR10 Sheet	Glass
Taber Abrasion 100 Cycles CS10F	ASTM D1044 Z26.1	35.0	1-4	0.5

MAXIMUM DIMENSIONS*	WIDTH- 48"		HEIGHT- 48"	
NOMINAL LEXAN THICKNESS*	1/8"	3/16"	1/4"	1/2"
OVERALL NOMINAL UNIT THICKNESS*	1"	1-1/8"	1-1/4"	1-3/4"

MANUFACTURED BY:

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