

Description

Lexan SG404 sheet is a UV-resistant sign grade sheet which is available in translucent colors, including white. Lexan SG404 sheet is also available in standard and custom colors. Lexan SG404 sheet is ideal for decorated outdoor signs, including pole signs and channel letters. Lexan SG404 sheet can be thermoformed with crisp detail, offers excellent aesthetics, withstands high impact and abuse, and carries a limited written warranty against breakage and weathering[#].

Typical Property Values ♦

Property	Test Method	Unit	Value
Physical			
Specific gravity	ASTM D792	-	1.20
Rockwell hardness	ASTM D785	-	M70, R118
Mechanical			
Tensile Strength Ultimate	ASTM D638	psi	9,500
Flexural Strength	ASTM D790	psi	10,500
Flexural Endurance @ 1,800 cycles/Min., 73°F, 50% RH	ASTM D671	psi	1,000
Compressive Strength	ASTM D695	psi	12,500
Elongation	ASTM D638	%	110
Modulus of Elasticity	ASTM D638	psi	340,000
Drop Ball Impact Strength, 1/8" (5-lb steel ball dropped from a height of 40 feet) @ 73°F	SABIC Test	ft-lbs	> 200
@ 32°F			> 200
@ 0°F			> 200
Notched Izod Impact	ASTM D256A	ft-lb/in	12–16
Thermal			
Coefficient of Thermal Expansion	ASTM D696	in/in/°F	3.75 x 10 ⁻⁵
Heat Deflection Temperature @ 264 psi	ASTM D648	°F	260
@ 66 psi			280

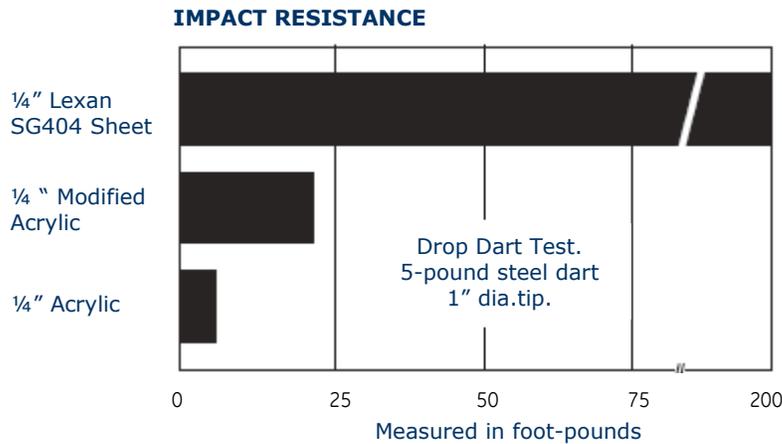
♦ These typical values are not intended for specification purposes. If minimum certifiable properties are required please contact your local SABIC Innovative Plastics, Specialty Film & Sheet representative.

Request details of limited warranty

* Lexan is a trademark of SABIC Innovative Plastics IP BV

Impact Resistance

Virtually unbreakable, Lexan SG404 sheet has up to 30 times the impact strength of acrylic and 10 times that of "impact modified" acrylic.



Product availability

Lexan SG404 sheet is available in standard colors (including white) and in custom colors. Sign coils and cut sheet are available. The unique sign grade masking on Lexan 404 sheet can withstand the drying process.



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