

Description

Lexan* SL 125 sheet is a two-side, hard-coated polycarbonate material. Lexan SL 125 sheet does not have optical quality performance and could show relatively high levels of black specs and inclusions. Lexan SL 125 sheet is only available in 0.125 inch gauge in sizes 52 x 113 and 52 x 125 inch. Lexan SL 125 sheet has limited availability. Please contact Specialty Film & Sheet Product Management before to position this grade at customers.

Typical Property Values ♦

Property	Test Method	Unit	Value
Physical			
Specific Gravity	ASTM D792	-	1.20
Sound Transmission, STC Rating (36" x 84") @.125"	ASTM E9070	-	25
Abrasion Resistance, Taber Abrader, 100 Cycles, CS-10F Wheel, 500g Load	ASTM D1044-76	%	12.0
Mechanical			
Tensile Strength, Ultimate	ASTM D638	psi	8,000
Tensile Modulus	ASTM D638	psi	240,000
Flexural Strength	ASTM D790	psi	13,000
Flexural Modulus	ASTM D790	psi	320,000
Dynatup, 1/2" dia. dart, (gauge dependent) # @ 73°F	ASTM D3763	ft-lbs	35
Thermal			
Coefficient of Thermal Expansion	ASTM D696	in/in/°F	3.75 x 10 ⁻⁵
Heat Deflection Temperature	ASTM D648	°F	
@ 264 psi			270
@ 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 representative.

Reported values based on .125" gauge thickness.

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