

# Lexan\* 9030V Sheet

## Product Datasheet

### Description

Lexan\* 9030V sheet is an extruded flame-retardant polycarbonate sheet material that is UL 94 flame classified, listed in GE-Plastics file E61257. Typical applications include enclosures and other components requiring UL 94 V-0 and V-2 compliance. Lexan 9030V sheet is available in clear, transparent tints and opaque colors, ranging in thicknesses from .060" - .500". Lexan 9030V sheet may be thermoformed, pressure formed, twin-sheet formed or used in flat or cold-formed applications.

### Typical Property Values ♦

Property	Test Method	Unit	Value
<b>Physical</b>			
Specific Gravity	ASTM D792	-	1.2
Water absorption, equilibrium, 24 Hrs.	ASTM D570	%	0.17
Light Transmission (avg.) 125"	ASTM D1003	%	85
<b>Mechanical</b>			
Tensile Strength	ASTM D638	psi	
@ Yield			8,800
Ultimate			9,000
Elongation	ASTMD638	%	95
Tensile Modulus	ASTM D638	psi	335,000
Compressive Strength	ASTMD695	psi	12,500
Dynatup Impact Strength, ½" dia. dart, (gauge dependent)# @ 73°F	ASTM D3783	ft-lbs.	50
Gardner Impact Strength, round tup (gauge dependent)# @ 73°F	ASTM D3029	in-lbs.	> 320
Izod Impact Strength, (gauge dependent) #	ASTM D256A	ft-lbs/in	
Notched @ 73°F			16.0
Unnotched @ 73°F			NB
<b>Thermal</b>			
Heat deflection temperature @ 264 psi	ASTM D648	°F	266
Coeff.of Thermal Expansion	ASTM D696	in/in/°F	3.75 x 10 <sup>-5</sup>
<b>Flammability</b>			
UL Flammability##	UL 94	-	V-2 @ 1.5mm (0.059") and thicker V-0 @ 6mm (0.236") and thicker

♦ These property values have been derived from Lexan\* resin data for the material used to produce this sheet product. Variations within normal tolerances are possible for various colors. These typical values are not intended for specification purposes. If minimum certifiable properties are required please contact your local GE-Plastics representative.

# Reported values based on .125" gauge thickness.

## This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

\* Lexan is a trademark of General Electric Company



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