



Aurora Technologies

Material Data Sheet

Lexan® 9600

Description:

LEXAN® 9600 sheet offers improved flammability characteristics than conventional LEXAN polycarbonate sheet. It is formulated to meet the standards of UL Bulletin, Class I. Developed to meet industry flammability codes, LEXAN 9600 sheet is widely used in power tools, electrical appliances, safety equipment and aircraft components.

The improved flammability and slightly higher heat deflection temperature of LEXAN 9600 sheet are accompanied by essentially the same physical, electrical, chemical and fabricating properties exhibited by standard LEXAN Sheet

Typical Properties:

	<u>Units</u>	<u>Lexan®9600</u>
Physical		
Color	-	Clear
Light Transmission (1/8" disk)	%	85
Water Absorption	%	.20
UL Flammability	-	UL94V-0
Mechanical		
Tensile Strength		
@Yield	PSI	9,500
Ultimate	PSI	9,000
Elongation	%	95
Flexural Strength	PSI	13,500
Flexural Modulus	PSI	370,000
Compressive Strength	PSI	12,500
Impact Strength, Izod, Edgewise	Ft.lbs/In.	12-16
Notched @73_F	-	2.4
Unnotched @73_F	-	NB
Thermal		
Coefficient of Thermal Expansion	in/in/_F	3.75 x 10 ⁻⁵
Heat Deflection Temp.	°F	280

**All of the properties listed above are typical values. These properties may vary based upon the manufacturer and environmental conditions. If specific criterion is to be met, then please contact one of our sales representatives for further evaluation.