

# Polycarbonate Mirrored sheet

Plaskolite offers polycarbonate mirrored sheet for better strength, security and flame resistance. Polycarbonate mirror is available in 3mm and 6mm in 2440 x 1220mm sheet. Plaskolite also offers this in see-thru, first surface and Armadillo scratch resistant material. This material is supplied in paper mask 2 sides. Call for quotation, availability and delivery information.



Property	Test Method	Units	All Grades
<b>General</b>			
Specific Gravity	D-792	%	1.2
Water Absorption	D-570		0.15
<b>Thermal</b>			
Deflection Temperature	D-648	°F	
264 psi			270
66 psi			280
Coefficient of Thermal Expansion	D-696	in/(in°F)	3.75 x 10 <sup>-5</sup>
Coefficient of Thermal Conductivity	C-177	<u>Btu-ft</u> (hr/ft <sup>2</sup> -°F)	0.1125
<b>Mechanical</b>			
Tensile Strength Yield	D-638	psi	9,000
Tensile Strength, Ultimate			9,500
Tensile Modulus			345,000
Compressive Strength	D-695	psi	12,500
Flexural Strength	D-790	psi	13,500
Flexural Modulus			345,000
Izod Impact Strength	D-256	<u>ft.-lb/in.</u> Notch	12-16
Gardner Impact (1/2" Diameter Dart)	D5420	lb-in.	>320
<b>Flammability</b>			
Horizontal Extent of Burning	D-635	in.	<1
Horizontal Time of Burning		Min.	<1
Self Ignition Temperature	D-1929	°F	1077
Flash Ignition Temperature			872