

POLYCARBONATE MIRROR



Allplastics offers polycarbonate mirror sheet for better strength, security and flame retardency. The HC Polycarbonate mirror is available in 6 mm and comes in sheet size 1.220 m x 2.440 m. Progard also offers new technology See-Through, first surface abrasion and scratch resistant sheet.

Hard Coat Polycarbonate Mirror Sheet

(6.0mm)

Item #	Size	Qty.	Skid Qty.
PP 1	1.220mm x 2.4		40
Papermask 2 sides			

Property	Test Method	Units	All Grades
General			
Specific Gravity	D-792	%	1.2
Water Absorbtion	D-570		0.15
Thermal			
Deflection Temperature 264 psi 66 psi	D-648	°F	270 280
Coefficient of Thermal Expansion	D-696	in/(in-°F)	3.75 X 10 ⁻⁵
Coefficient of Thermal Conductivity	C-177	$\frac{\text{Btu-ft}}{\text{hr/ft}^2\text{-°F}}$	0.1125
Mechanical			
Tensile Strength, Yield Tensile Strength, Ultimate Tensile Modulus	D-638	psi	9,000 9,500 345,000
Compressive Strength	D-695	psi	12,500
Flexural Strength Flexural Modulus	D-790	psi	13,500 345,000
Izod Impact Strength	D-256	$\frac{\text{ft.-lb/in.}}{\text{Notch}}$	12-16
Gardner Impact (1/2" Diameter Dart)	D-5420	lb-in.	>320
Flammability			
Horizontal Extent of Burning Horizontal Time of Burning	D-635	in. min.	<1 <1
Self Ignition Temperature Flash Ignition Temperature	D-1929	°F	1077 872

Contact us

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