

PLEXIGLAS® Sheet Optical CLear 0Z003

Polymethyl Methacrylate Acrylic
Evonik Industries AG

Message:

PLEXIGLAS® Optical 0Z003 is a thin (0.5 - 1.5 mm) extruded sheet material that was designed for applications with very high demands in terms of optical and surface quality. Applications:
high-quality applications in the fields of consumer electronics, automotive technology and medical devices
display screens of all types and sizes
light guides and high-quality cover strips that are transparent, printed or vaporized
outstanding substrate for all kinds of coating

General Information			
Features	Good Chemical Resistance		
	Good Impact Resistance		
	Good Surface Finish		
	Good Weather Resistance		
	High Hardness		
	Recyclable Material		
	Scratch Resistant		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	Electronic Displays		
	Medical Devices		
Forms	Sheet		
Processing Method	Extrusion		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	78.0	MPa	ISO 527-2
Tensile Strain (Break)	6.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	20	kJ/m²	ISO 179
Optical	Nominal Value	Unit	Test Method
Haze	< 0.50	%	ASTM D1003
Yellowness Index	< 1.0	YI	ASTM D1925
Additional Information	Nominal Value		
Weatherability ¹	No Change		
NOTE			
1.	Xenotest 1200/5000H		

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Recommended distributors for this material

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