

SILVER MIRROR PMMA 3MM

GENERAL PROPERTIES*	CONDITIONS	TEST METHOD	UNIT	VALUE
Density		ISO 1183	gr/cm ³	1,19
Water Absorbtion (24h)	23C / 50% RH (24h)	ISO 62	%	0,3
MECHANICAL PROPERTIES*				
Elongation at break	23° C	ISO 527-2	%	7
Tensile Modulus	23° C	ISO 527-2	MPa	3200
Flexural Modulus	23° C	ISO 178	MPa	3300
Charpy Impact Strength with Notched	23° C	ISO 179-1eA	kJ/m ²	2
Rockwell Hardness M Scale		ISO 2039-2	M -scale	92
THERMAL PROPERTIES*				
Vicat Temperature	50 N	ISO 306	°C	105
Deflection temperature under load	1,8 MPa	ISO 75	°C	100
Coefficient of linear expansion		ISO 11359-2	mm/m°C	0,07
ELECTRICAL PROPERTIES*				
Dielectrical Strength		DIN 53481	kV/mm	20
Dielectric Constant	to 1 KHz	DIN 53483		3,1

*Applicable to POLICAM PMMA(Acrylic) sheet.

* POLICAM PMMA(Acrylic) sheets are produced according to **EN 7823-2**.

GENERAL PROPERTIES**	CONDITIONS	TEST METHOD	UNIT	VALUE
Mirror Clour		-		Silver
Reflectance		ASTM 1003	%	80-90
Cross-Cut		ASTM 3359		5B
Climatic Resistance (200h)		ISO 4892-2		DE<2
Corrosion test (200h)		ISIK METHOD	corner corrosion < 1mm	

**Applicable to POLICAM MIRROR PMMA(Acrylic) sheet. Contact us for full mirror material specification

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