

DOUBLE SIDED MATT EXTRUDED PMMA SHEETS



DESCRIPTION

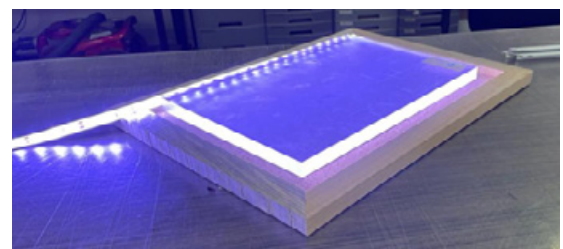
Plazcryn Double Matt sheets have all the advantages of Plazcryn sheets with excellent and elegant texture that is suitable for various applications.

TYPICAL PROPERTY VALUES

Properties	Method	Units	PLAZCRYL (R7000)
General			
Density	ISO 1183	gr/cm ³	1.19
Water Absorption (23°C)	ISO 62 (1)	%	0.3
Mechanical			
Tensile Strength	ISO 527-2	MPa	72
Elongation at break	ISO 527-2	%	4
Tensile Modulus	ISO 527-2	MPa	3300
Flexural Strength	ISO 178	MPa	106
Flexural Modulus	ISO 178	MPa	3350
Compressive Strength	ISO 604	MPa	117
Rockwell Hardness	M scale		95
Impact Resistance (Charpy unnotched)	ISO 179/1fu	kJ/m ²	15
Impact Resistance (Charpy notched)	ISO 179/1eA	kJ/m ²	2
Impact Resistance (Izod notched)	ISO 180/1A	kJ/m ²	1.5
Optical			
Refractive Index	ISO 489		1.49
Light Transmission (3mm transparent sheet)	ASTM D1003	%	92
Haze (3mm transparent sheet)	ASTM D1003	%	< 1
Thermal			
Vicat Softening Temp.(50N)	ISO 306	°C	105
Heat Deflection Temp. (1.82 MPa)	ISO 75-1	°C	95
Coeff. of Linear Thermal Expansion (0-500C)	ISO 11359 ASTM C177	µm/m°C W/mK	65 0.19
Thermal Conductivity		°C	70
Maximum Continuous Service Temp.		°C	90
Maximum Short Time Service Temp.		°C	-40
Minimum Temp.		°C	-40

APPLICATIONS

Room/office partitions, pantry/cupboard doors, signage and POP displays.



These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

PLASKOLITE

400 Nationwide Blvd, Suite 400
Columbus, OH 43215
800.848.9124 • Fax: 877.538.0754
plaskolite@plaskolite.com
www.plaskolite.com