



Velvet/Matte

Makrofol PCVM

Description

Makrofol PCVM is a clear, translucent polycarbonate film with a first surface velvet and a second surface matte. Makrofol PCVM comes in thickness from .005"-.020".

Applications:

Automotive Instrument Panels and Displays, Control Panels, Nameplates, Labels, Dials, and Scales.

Typical Properties

Properties	Test Method	Units	Values
Physical			
Specific Gravity	ASTM D792		1.20
Conversion Factor		ft ² /lb-mil	160
Water Absorption (Immersion @ 73°F 24 hours)	ASTM D570	%	0.33
First Surface Gloss- 60° angle, black inked second surface	ASTM D2457	gloss unit	3.0-4.5
First Surface Roughness R3Z	ISO 4288	microns	16-23
Optical			
Haze	ASTM D1003	%	
Light Transmission	ASTM D1003	%	90
Yellowness Index	ASTM E313		1.0
Mechanical			
Tensile Strength, Yield	ASTM D882	psi	8,700
Tensile Strength, Break	ASTM D882	psi	8,600
Elongation @ Break	ASTM D882	%	120
Tear Strength, Initiation	ASTM D1004	lb/in	1,100
Thermal			
Heat Deflection Temperature 1.82 Mpa	ISO 75	°F	270
0.45 Mpa		°F	288
Vicat Softening Temperature	ISO 306	°F	315
Flammability			
UL Listing	UL 94	min. thickness 0.015"	V-2
	UL 94	min. thickness 0.005"	VTM-2
Burn Rate	FMVSS302		≤100

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*For additional information please call
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