



Minimize Pin Holing

Makrofol DE 7-2 CG

Description:

Makrofol DE 7-2 CG is a polycarbonate film with a velvet first surface and a very fine matte second surface. The inked gloss on the first surface is specified in the range of 3.0 and 4.0. Makrofol DE 7-2 CG is offered in thicknesses from .015" to .020".

Applications:

Applications requiring a low-gloss look, such as automotive interiors.

Typical Properties

Typical 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 – 4.0
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	8,600
Tensile Strength, Break	ASTM D882	psi	8,700
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
Viscat Softening Temperature	ISO 306	°F	315
Flamability			
Burn Rate	FMVSS302		≤100



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Disclaimer

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