

POLYCARBONATE FILMS

Properties of JS1501P-EO Series for Extra-Opaque White Films

EXIM Extra-Opaque White PC Films, both Standard and Antistatic grades, exclusively developed to increase the opacity performance for thinner inlay applications, transparent window features and they are compliant with all secure printing techniques. Extra-Opaque PC films have a thickness range of 30 to 400 µm. Applications include roll or sheet based and produced as matte/matte or velvet/matte upon request.

PROPERTIES		TEST METHOD	UNIT	VALUE
General Properties				
Gloss, 60° Top side		ISO 2813	Digits	≥ 15
Gloss, 60° Reverse side		ISO 2813	Digits	≥ 15
Density (20°C method C)		ISO 1183	g/cm ³	1.44
Mechanical Properties				
Tensile Strength at break	<i>MD</i> <i>TD</i>	ISO 527	MPa	≥50 ≥50
Elongation at break		ISO 527-1, -3	%	>50
Thermal Properties				
Shrinkage, parallel (130°C 1 h)		DIN 53752	%	<0,5
Shrinkage, across (130°C 1 h)		DIN 53752	%	<0,5
Optical Properties				
Opacity		ISO 13468-2	%	>95
Others				
Surface Tension (Front-Back)		Dyne Pen	Dyne	42-42

- These properties are typical values for 50 µm film; not guaranteed values.
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