

Skyrol® SP95

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SP95 is a polyester film chemically treated on one side and corona treated on the other. The chemically treated surface provides excellent adhesion to various kinds of metals, inks and adhesives.

General Information			
UL YellowCard	E74359-249671		
Features	Good Adhesion		
Uses	Film		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.40	g/cm ³	ASTM D1505
Molding Shrinkage			Internal Method
Flow : 150°C, 30 min, 0.0120 mm	1.7	%	
Across Flow : 150°C, 30 min, 0.0120 mm	0.80	%	
Surface Tension			ASTM D2578
Chemical Treated : 12.0 µm	66	mN/m	
Corona Treated : 12.0 µm	52	mN/m	
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction ²			ASTM D1894
vs. Itself - Dynamic	0.40		
vs. Itself - Static	0.40		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield, 12 µm	290	MPa	
TD : Yield, 12 µm	262	MPa	
Tensile Elongation			ASTM D882
MD : Break, 12 µm	120	%	
TD : Break, 12 µm	120	%	
Optical	Nominal Value	Unit	Test Method
Gardner Gloss (60°, 12.0 µm)	164		ASTM D523
Transmittance (12.0 µm)	90.0	%	ASTM D1003
Haze (12.0 µm)	3.0	%	ASTM D1003
NOTE			
1.	12 µm		
2.	12 µm		

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