

Skyrol® SP82

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SP82 is a two side pretreated polyester film for improved solvent based ink adhesion. SP82 has been widely accepted for use in flexible packaging applications, especially for those requiring high quality printing.

General Information			
UL YellowCard	E74359-249671		
Features	Excellent Printability		
	Good Adhesion		
Uses	Film		
	Packaging		
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	1.6	%	
Flow : 150°C, 30 min, 0.0230 mm	1.6	%	
Across Flow : 150°C, 30 min, 0.0120 mm	1.1	%	
Across Flow : 150°C, 30 min, 0.0230 mm	0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic ²	0.30		
vs. Itself - Dynamic ³	0.30		
vs. Itself - Static ⁴	0.40		
vs. Itself - Static ⁵	0.40		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield, 12 µm	283	MPa	
MD : Yield, 23 µm	262	MPa	
TD : Yield, 12 µm	255	MPa	
TD : Yield, 23 µm	255	MPa	
Tensile Elongation			ASTM D882
MD : Break, 12 µm	120	%	
MD : Break, 23 µm	130	%	
TD : Break, 12 µm	120	%	
TD : Break, 23 µm	120	%	

Optical	Nominal Value	Unit	Test Method
Gardner Gloss			ASTM D523
12.0 μm	163		
23.0 μm	159		
Transmittance			ASTM D1003
12.0 μm	91.0	%	
23.0 μm	90.0	%	
Haze			ASTM D1003
12.0 μm	2.6	%	
23.0 μm	3.4	%	
NOTE			
1.	23 μm		
2.	23 μm		
3.	12 μm		
4.	12 μm		
5.	23 μm		

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