

Skyrol® SL11

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SL11 is a coextruded pretreated polyester film with a heat sealable layer on one side and ink adhesion on the other. SL11 is used in packaging applications and is available in the thickness range of 48 to 152 gauge.

General Information			
UL YellowCard	E74359-249671		
Features	Good Adhesion		
	Heat Sealable		
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	2.3	%	
Flow : 150°C, 30 min, 0.0150 mm	1.7	%	
Across Flow : 150°C, 30 min, 0.0120 mm	0.60	%	
Across Flow : 150°C, 30 min, 0.0150 mm	0.50	%	
Surface Tension			ASTM D2578
12.0 µm	56	mN/m	
15.0 µm	56	mN/m	
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic ²	0.40		
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	207	MPa	
MD : Yield, 15 µm	214	MPa	
TD : Yield, 12 µm	200	MPa	
TD : Yield, 15 µm	200	MPa	
Tensile Elongation			ASTM D882
MD : Break, 12 µm	120	%	

MD : Break, 15 μm	130	%	
TD : Break, 12 μm	120	%	
TD : Break, 15 μm	130	%	
Optical	Nominal Value	Unit	Test Method
Haze			ASTM D1003
12.0 μm	3.2	%	
15.0 μm	3.1	%	
NOTE			
1.	15 μm		
2.	15 μm		
3.	12 μm		
4.	12 μm		
5.	15 μm		

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