

Skyrol® SL10S

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SL10S is a coextruded polyester film with heat sealable layer on one side, and slip treated on the other side for handling purposes . It is specially developed for use in various packaging applications. SL10S has a wide range of heat sealing temperature and a good adhesion to steel lamination. SL10S complies with FDA regulation FDA 21 CFR 117.1630. It is available in the thickness ranging from 48 to 142 gauge.

General Information			
UL YellowCard	E74359-249671		
Additive	Slip		
Features	Good Adhesion		
	Heat Sealable		
	Slip		
Uses	Film		
	Laminates		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1630		
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, 0.0150 mm	1.8	%	
Flow : 150°C, 30 min, 0.0300 mm	1.9	%	
Across Flow : 150°C, 30 min, 0.0150 mm	0.50	%	
Across Flow : 150°C, 30 min, 0.0300 mm	0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic ²	0.30		
vs. Itself - Dynamic ³	0.40		
vs. Itself - Static ⁴	0.50		
vs. Itself - Static ⁵	0.40		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,15 µm	214	MPa	
MD : Yield,30 µm	248	MPa	
TD : Yield,15 µm	200	MPa	
TD : Yield,30 µm	221	MPa	
Tensile Elongation			ASTM D882

MD : Break, 15 μm	130	%	
MD : Break, 30 μm	120	%	
TD : Break, 15 μm	130	%	
TD : Break, 30 μm	140	%	
Optical	Nominal Value	Unit	Test Method
Haze			ASTM D1003
15.0 μm	3.5	%	
30.0 μm	3.8	%	
NOTE			
1.	30 μm		
2.	30 μm		
3.	15 μm		
4.	15 μm		
5.	30 μm		

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