

Skyrol® SP19H

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SP19H is a heat-shrinkable (one side anti-static treated) polyester film with excellent shrinking characteristics. It is applicable in various shrinkable packaging, such as outer wrapping for PET and glass bottles, cans and other kinds of containers. SP19H is especially good for full body wrappings, labels and cap seals where high shrinkage is required. It is currently available in 160 and 200 gauges. Other gauges may be available on special request.

General Information			
UL YellowCard	E74359-249671		
Additive	Antistatic		
Features	Antistatic		
	Good Heat Shrinkability		
Uses	Film		
	Labels		
	Seals		
	Shrink Wrap		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.32	g/cm ³	ASTM D1505
Molding Shrinkage - Flow ²			Internal Method
100°C, 0.0400 mm	0.60	%	
100°C, 0.0500 mm	0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic ³	0.30		
vs. Itself - Dynamic ⁴	0.30		
vs. Itself - Static ⁵	0.40		
vs. Itself - Static ⁶	0.40		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,40 µm	68.9	MPa	
MD : Yield,50 µm	68.9	MPa	
TD : Yield,40 µm	248	MPa	
TD : Yield,50 µm	241	MPa	
Tensile Elongation			ASTM D882
MD : Break, 40 µm	560	%	
MD : Break, 50 µm	550	%	
TD : Break, 40 µm	69	%	

TD : Break, 50 µm	72	%	
Optical	Nominal Value	Unit	Test Method
Gardner Gloss			ASTM D523
40.0 µm	153		
50.0 µm	148		
Haze			ASTM D1003
40.0 µm	4.4	%	
50.0 µm	4.7	%	
NOTE			
1.	50 µm		
2.	10 sec water bath		
3.	50 µm		
4.	40 µm		
5.	40 µm		
6.	50 µm		

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