

Skyrol® SP19N

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SP19N is a heat-shrinkable polyester film with relatively high shrinking characteristics. It is applicable in various shrinkable packaging, such as outer wrapping for PET and glass bottles, cans and other kinds of containers. One side of SP19N is anti-static treated for better processability. It can be used as an alternative material for PVC. This is applicable to hot air also. SP19N 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		
	Good Processability		
	High Shrinkage		
Uses	Film		
	Labels		
	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	2.1	%	
100°C, 0.0500 mm	2.2	%	
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	62.1	MPa	
MD : Yield,50 µm	62.1	MPa	
TD : Yield,40 µm	248	MPa	
TD : Yield,50 µm	248	MPa	
Tensile Elongation			ASTM D882
MD : Break, 40 µm	560	%	

MD : Break, 50 µm	570	%	
TD : Break, 40 µm	84	%	
TD : Break, 50 µm	87	%	
Optical	Nominal Value	Unit	Test Method
Gardner Gloss			ASTM D523
40.0 µm	193		
50.0 µm	149		
Haze			ASTM D1003
40.0 µm	4.0	%	
50.0 µm	3.9	%	
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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Recommended distributors for this material

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