

Skyrol® SH64

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol ® SH64 is an optically clear film that has been pretreated on both sides. One side is pretreated for excellent performance in most print processes, and the other side is treated with an antistatic coating for write-on, wipe-off applications. SH64 has excellent processability in converting and sheeting operations.

General Information			
UL YellowCard	E74359-100717954	E74359-249671	
Additive	Antistatic		
Features	Antistatic		
	Excellent Printability		
	Good Processability		
	Opticals		
Uses	Film		
	Printing Sheet		
	Sheet		
Appearance	Clear/Transparent		
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, 0.0570 mm	1.6	%	
Flow : 150°C, 30 min, 0.0660 mm	1.5	%	
Across Flow : 150°C, 30 min, 0.0570 mm	0.70	%	
Across Flow : 150°C, 30 min, 0.0660 mm	0.60	%	
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	0.30		
vs. Itself - Static ⁵	0.40		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,57 µm	221	MPa	
MD : Yield,66 µm	221	MPa	
TD : Yield,57 µm	241	MPa	
TD : Yield,66 µm	221	MPa	

Tensile Elongation			ASTM D882
MD : Break, 57 μm	140	%	
MD : Break, 66 μm	140	%	
TD : Break, 57 μm	120	%	
TD : Break, 66 μm	120	%	
Optical	Nominal Value	Unit	Test Method
Gardner Gloss			ASTM D523
57.0 μm	181		
66.0 μm	181		
Transmittance			ASTM D1003
57.0 μm	90.0	%	
66.0 μm	89.0	%	
Haze			ASTM D1003
57.0 μm	1.7	%	
66.0 μm	1.9	%	
NOTE			
1.	57 μm		
2.	57 μm		
3.	66 μm		
4.	66 μm		
5.	57 μm		

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