

Skyrol® SH38

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SH38 is an optically super clear polyester film. SH38 is a two side coated product with excellent ink adhesion, a smooth surface, high gloss, good dimensional stability, excellent flatness and good handling characteristics.

General Information			
UL YellowCard	E74359-100717954	E74359-249671	
Features	Good Adhesion		
	Good Dimensional Stability		
	Good Processability		
	Good Surface Finish		
	High Gloss		
	Opticals		
Uses	Film		
Appearance	Opaque		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage			Internal Method
Flow : 150°C, 30 min, 0.100 mm	1.2	%	
Flow : 150°C, 30 min, 0.175 mm	1.3	%	
Across Flow : 150°C, 30 min, 0.100 mm	0.60	%	
Across Flow : 150°C, 30 min, 0.175 mm	0.40	%	
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,100 µm	207	MPa	
MD : Yield,180 µm	193	MPa	
TD : Yield,100 µm	193	MPa	
TD : Yield,180 µm	186	MPa	
Tensile Elongation			ASTM D882
MD : Break, 100 µm	150	%	
MD : Break, 180 µm	150	%	
TD : Break, 100 µm	150	%	
TD : Break, 180 µm	150	%	
Optical	Nominal Value	Unit	Test Method
Gardner Gloss			ASTM D523
100 µm	192		
175 µm	188		

Transmittance			ASTM D1003
0.0100 μm	89.0	%	
100 μm	90.0	%	
Haze			ASTM D1003
100 μm	0.50	%	
175 μm	0.70	%	

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