

Skyrol® SH37

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SH37 is an optically super clear polyester film. SH37 is one-side coated for improved ink adhesion, with 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	Clear/Transparent		
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	1.2	%	
Across Flow : 150°C, 30 min, 0.100 mm	0.80	%	
Across Flow : 150°C, 30 min, 0.175 mm	0.50	%	
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,100 μm	193	MPa	
MD : Yield,180 μm	193	MPa	
TD : Yield,100 μm	207	MPa	
TD : Yield,180 μm	200	MPa	
Tensile Elongation			ASTM D882
MD : Break, 100 μm	180	%	
MD : Break, 180 μm	210	%	
TD : Break, 100 μm	130	%	
TD : Break, 180 μm	140	%	
Optical	Nominal Value	Unit	Test Method
Gardner Gloss			ASTM D523
100 μm	195		
175 μm	190		

Transmittance			ASTM D1003
100 μm	89.0	%	
175 μm	90.0	%	
Haze			ASTM D1003
100 μm	0.50	%	
175 μm	1.0	%	

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