

Skyrol® SH52

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SH52 is an optically clear and glossy polyester film. SH52 is pretreated on both sides with a coating to enhance toner adhesion. SH52 is used for PPC applications.

General Information			
UL YellowCard	E74359-100717954	E74359-249671	
Features	Good Adhesion		
	Good Surface Finish		
	High Gloss		
	Opticals		
Uses	Film		
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, 0.0965 mm	0.60	%	
Flow : 150°C, 30 min, 0.125 mm	0.50	%	
Across Flow : 150°C, 30 min, 0.0965 mm	0.60	%	
Across Flow : 150°C, 30 min, 0.125 mm	0.50	%	
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,97 µm	207	MPa	
MD : Yield,130 µm	186	MPa	
TD : Yield,97 µm	228	MPa	
TD : Yield,130 µm	200	MPa	
Tensile Elongation			ASTM D882
MD : Break, 97 µm	180	%	
MD : Break, 130 µm	190	%	
TD : Break, 97 µm	120	%	
TD : Break, 130 µm	120	%	
Optical	Nominal Value	Unit	Test Method
Gardner Gloss			ASTM D523
96.5 µm	142		
125 µm	147		
Transmittance			ASTM D1003

96.5 μm	92.0	%	
125 μm	91.0	%	
Haze			ASTM D1003
96.5 μm	3.2	%	
125 μm	3.4	%	
NOTE			
1.	96.5 μm		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

