

Skyrol® SH72S

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SH72S is an optically clear polyester film, slip treated on both sides, with high clarity, smooth surface, high gloss, and good dimensional stability.

General Information			
UL YellowCard	E74359-100717954	E74359-249671	
Additive	Slip		
Features	Good Dimensional Stability		
	Good Surface Finish		
	High Clarity		
	High Gloss		
	Opticals		
	Slip		
Uses	Film		
Appearance	Opaque		
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, 0.0500 mm	1.2	%	
Flow : 150°C, 30 min, 0.100 mm	1.2	%	
Across Flow : 150°C, 30 min, 0.0500 mm	0.50	%	
Across Flow : 150°C, 30 min, 0.100 mm	0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic ²	0.30		
vs. Itself - Dynamic ³	0.40		
vs. Itself - Static ⁴	0.40		
vs. Itself - Static ⁵	0.50		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield, 50 µm	207	MPa	
MD : Yield, 100 µm	179	MPa	
TD : Yield, 50 µm	234	MPa	
TD : Yield, 100 µm	207	MPa	
Tensile Elongation			ASTM D882
MD : Break, 50 µm	160	%	

MD : Break, 100 μm	170	%	
TD : Break, 50 μm	130	%	
TD : Break, 100 μm	120	%	
Optical	Nominal Value	Unit	Test Method
Gardner Gloss			ASTM D523
50.0 μm	189		
100 μm	188		
Transmittance			ASTM D1003
50.0 μm	90.0	%	
100 μm	188.0	%	
Haze			ASTM D1003
50.0 μm	0.90	%	
100 μm	1.1	%	
NOTE			
1.	100 μm		
2.	100 μm		
3.	50 μm		
4.	100 μm		
5.	50 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

