

Skyrol® SL30U

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SL30U is a coextruded low gloss, heat-sealable polyester film, used in metal lamination in applications that require ultraviolet wavelength protection. SL30U has a wide range of heat sealing temperatures with good adhesion to various materials, including A1 plate, steel plate and non-polyolefin plastics. SL30U is available in 80 gauge and 100 gauge formats.

General Information			
UL YellowCard	E74359-249671		
Features	Good Adhesion		
	Good UV Resistance		
	Heat Sealable		
	Low Gloss		
Uses	Film		
	Laminates		
Forms	Film		
Processing Method	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage			Internal Method
Flow : 150°C, 30 min, 0.0200 mm	1.4	%	
Flow : 150°C, 30 min, 0.0250 mm	1.7	%	
Across Flow : 150°C, 30 min, 0.0200 mm	0.60	%	
Across Flow : 150°C, 30 min, 0.0250 mm	0.20	%	
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic ¹	0.30		
vs. Itself - Dynamic ²	0.30		
vs. Itself - Static ³	0.40		
vs. Itself - Static ⁴	0.40		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,20 µm	207	MPa	
MD : Yield,25 µm	179	MPa	
TD : Yield,20 µm	186	MPa	
TD : Yield,25 µm	179	MPa	
Tensile Elongation			ASTM D882
MD : Break, 20 µm	120	%	
MD : Break, 25 µm	140	%	

TD : Break, 20 μm	180	%	
TD : Break, 25 μm	140	%	
Optical	Nominal Value	Unit	Test Method
Haze			ASTM D1003
20.0 μm	28	%	
25.0 μm	35	%	
NOTE			
1.	20 μm		
2.	25 μm		
3.	25 μm		
4.	20 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

