

# "Skyrol " SKC Polyester Film

## SH71S

## Product Information

### • Product Description

"Skyrol " SH71S is optically clear polyester film with smooth surface, high gloss, good dimensional stability, flatness and good handling characteristics. SH71S is available in the range of thickness from 30um up to 250um, and used for safty film, decorative, post lamination and etc.

### • Typical Properties

Property	Unit	Value										Test Method	
<b>General</b>													
Nominal Thickness	Gauge ( μm )	<b>120 (30)</b>	<b>144 (36)</b>	<b>200 (50)</b>	<b>300 (75)</b>	<b>384 (96)</b>	<b>400 (100)</b>	<b>500 (125)</b>	<b>600 (150)</b>	<b>660 (165)</b>	<b>700 (175)</b>		SKC Method
<b>Mechanical</b>													
Tensile Strength	kg/mm <sup>2</sup>	MD 20	TD 20	MD 22	TD 22	MD 21	TD 21	MD 21	TD 20	MD 20	TD 20		ASTM D 882
Elongation at Break	%	MD 190	TD 190	MD 180	TD 180	MD 190	TD 190	MD 190	TD 200	MD 200	TD 200		ASTM D 882
<b>Surface</b>													
Friction Coefficient	μk μs	0.40	0.40	0.40	0.40	0.40	0.40	-	-	-	-		ASTM D 1894
<b>Optical</b>													
Haze	%	1.5	1.5	1.0	1.2	1.4	1.4	1.6	2.0	2.2	2.4		ASTM D 1003
Light Transmission	%	93	93	93	93	93	93	93	93	93	93		ASTM D 1003
Gloss	%	200	200	200	200	200	200	200	200	200	200		ASTM D 523
<b>Thermal</b>													
Heat Shrinkage	%	150°C x30min											
	MD	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		SKC Method
	TD	0.1	0.1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6		

\* Unit Correlation : N/mm<sup>2</sup> = kg/mm<sup>2</sup> X 9.8  
psi = kg/mm<sup>2</sup> X 1422.3

SKCS-TPS-H-2-0

This Information is the best currently available on the subject. The results should, however, only be regarded as a general guide to material properties and not as a guarantee.

Some of the properties can be changed as a result of supplier's efforts to improve the quality or production efficiency of the subject.

Note: Please read the Material Safty Data Sheet(MSDS) carefully prior to use.