

"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	
General													
Nominal Thickness	Gauge (μm)	120 (30)	144 (36)	200 (50)	300 (75)	384 (96)	400 (100)	500 (125)	600 (150)	660 (165)	700 (175)	SKC Method	
Mechanical													
Tensile Strength	kg/mm ²	MD 20	20	22	22	21	21	21	20	20	20	ASTM D 882	
		TD 26	26	26	26	24	24	24	23	23	23		
Elongation at Break	%	MD 190	190	180	180	190	190	190	200	200	200	ASTM D 882	
		TD 120	120	110	110	115	115	115	120	120	120		
Surface													
Friction Coefficient	μk	0.40	0.40	0.40	0.40	0.40	0.40	-	-	-	-	ASTM D 1894	
	μs	0.50	0.50	0.50	0.50	0.50	0.50	-	-	-	-		
Optical													
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	
Thermal													
Heat Shrinkage	%	150°C x30min										SKC Method	
	MD	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		1.4
	TD	0.1	0.1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

* Unit Correlation : N/mm² = kg/mm² X 9.8
psi = kg/mm² 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.