



"Skyrol"



SKC Polyester Film

SH82

Product Information

Product Description

"Skyrol" [®] SH82 is an optically very clear, glossy film, with the ink/coating adhesion promotion pretreatment on two sides. This grade has been developed for use as a substrate for printing, label, colour proofing, masking, overhead transparencies engineering, drafting etc

This grade is available in the thickness range from 50 to 250 microns.

Typical Properties

Property	Unit	Value	Test Method
General			
Nominal Thickness	Gauge (μm)	984 250	SKC Method
W.V.T.R.	$\text{g}/\text{m}^2 \cdot 24 \text{ hr}$	N/A	ASTM F 372
Oxygen Permeability	$\text{cm}^3/\text{m}^2 \cdot 24 \text{ hr} \cdot \text{Atm}$	N/A	ASTM D 1434
Density	g/cm^3	1.4	ASTM D 1505
Mechanical			
Tensile Strength	psi (Kg/mm^2)	MD 17 TD 21	ASTM D 882
Elongation At Break	%	MD 170 TD 110	ASTM D 882
Optical			
Haze	%	2.9	ASTM D 1003
Light Transmission	%	93	ASTM D 1003
Gloss	%	185	ASTM D 523
Thermal			
Heat Shrinkage	%	MD 1.4 TD 0.5	SKC Method (150°C x 30 min)

Unit Correlation : Gauge = $\mu\text{m} / 0.254$
 psi = $\text{Kg}/\text{mm}^2 \times 1422.3$
 N/mm² = $\text{Kg}/\text{mm}^2 \times 9.8$

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.

UK Agent, Distributor and Stockist for SKC

Graphic Image Films Ltd
 Unit 5, Ridge Way,
 Crendon Industrial Park,
 Long Crendon, Bucks.
 HP18 9BF

Tel No: 0044 (0) 1844-208308
 Fax No: 0044 (0) 1844-208608
 E-Mail: Info.gif@graphicimagefilms.co.uk