

SH82

Product Information

◆ Product Description

Regal Graphics SH82 is an optically very clear, glossy polyester film. SH82 is both side pretreated for adhesion promotion. SH82 was developed for use as substrate for printing labels, color proofing, masking, overhead projection transparencies, engineering drawing, drafting, etc. and is available in thicknesses from 200 to 1000 gauge.

◆ Typical Properties

Property	Unit		Value	Test Method
General				
Nominal Thickness	Gauge (micron)		500 (125)	SKC Method
Mechanical				
Tensile Strength	psi	MD	28,400 (20)	ASTM D882
	(Kg/mm ²)	TD	32,700 (23)	
Elongation At Break	%	MD	150	ASTM D882
		TD	100	
Surface				
Friction Coefficient			Kinetic	ASTM D1894
			Static	
Optical				
Haze	%		1.5	ASTM D1003
Light Transmission	%		93	ASTM D1003
Gloss			190	ASTM D523
Thermal				
Heat Shrinkage	%	MD	1.5	SKC Method (150°C x 30 min)
		TD	0.5	

Unit Correlation: Gauge = m ÷ 0.254
 psi = Kg/mm² x 1422.3
 N/mm² = x 9.8