

SR50

Product Information

◆ Product Description

Regal Graphics SR50 has outstanding mechanical and dielectric strength. This film is durable and dimensionally stable. SR50 has low water absorption and good chemical resistance and retains these properties over a wide range of temperature and humidity levels.

◆ Typical Properties

Property	Unit	Value	Test Method
General			
Nominal Thickness	Gauge (micron)	1000 (250)	SKC Method
Mechanical			
Tensile Strength	psi MD (Kg/mm2) TD	26,000 (18) 28,000 (20)	ASTM D882
Elongation At Break	% MD TD	190 130	ASTM D882
Electrical			
Dielectric Strength	Kv	23	ASTM D149
Optical			
Haze	%	60	ASTM D1003
Thermal			
Heat Shrinkage	% MD TD	2.8 2	SKC Method 150°C

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