

Dow Saran® 560 Vapor Retarder Film

Category : Polymer , Film , Thermoplastic , PVDC

Material Notes:

Saran™ Vapor Retarder Film is a biaxially oriented barrier film designed as a water vapor retarder for insulation applications. It is available in 600 gauge. Roll size: 35.5" x 250 long. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Saran-560-Vapor-Retarder-Film.php

Physical Properties	Metric	English	Comments
Permeability	0.010	0.010	[g / hr / ft ² / in. Hg] at 73°F and 50% RH; ASTM E96-93
Thickness	152 microns	6.00 mil	ASTM D374

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	145 %	145 %	ASTM D882
Film Elongation at Break, TD	79 %	79 %	ASTM D882
Secant Modulus, MD	0.5330 GPa	77.30 ksi	2% Secant; ASTM D882
Secant Modulus, TD	0.3861 GPa	56.00 ksi	2% Secant; ASTM D882
Impact	199	199	Puncture Resistance, Beach units; ASTM D781
	273	273	Puncture Resistance, Beach units; TAPPI T803
Film Tensile Strength at Break, MD	71.0 MPa	10300 psi	ASTM D882
Film Tensile Strength at Break, TD	105 MPa	15300 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	for maximum flexibility during installation, it is recommended that ambient temperature be above 24°F
Flammability Test	5.0	5.0	Flame Spread; ASTM E-84-95
Smoke Density	25 min	25 min	ASTM E-84-95
Shrinkage, MD	8.0 %	8.0 %	Unrestrained, 100°C Air
Shrinkage, TD	6.0 %	6.0 %	Unrestrained, 100°C Air

Descriptive Properties	Value	Comments
Mullen Burst psi	174	ASTM D774
Yield in2/lb	19.3	Calculated

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China