

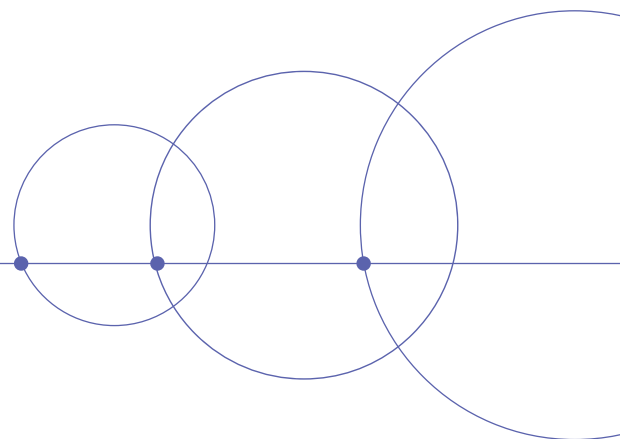
SOLSTICE

ACLAR[®] SupRx 900

TECHNICAL DATA SHEET

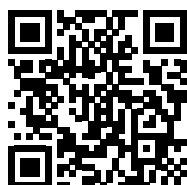
Aclar[®] SupRx 900 is a high transparent 0.9 mil (23 µm) PCTFE homopolymer high moisture barrier film designed for semi-rigid and flexible film packaging applications for highly sensitive medicinal products in pharmaceutical and medical markets. This film is suitable for thermoforming and lamination to various substrates including PVC and PVC free solutions, such as PET, PP, and PE substrates for environmentally friendly applications.

PROPERTIES OF 0.90 MIL (23µm) FILM AT 73°F (23°C) - 50% RH	TYPICAL VALUE		TEST METHOD
	ENGLISH	METRIC	
Specific Gravity		2.11 g/cm ³	ASTM D1505
Yield	14,595 in ² /lb.	20.75 m ² /kg	
Haze	< 1 %		ASTM D1003
Crystalline Melting Point	412°F	211°C	ASTM D4591
Dimensional Stability - MD (10 mins. @ 300°F/149°C)	≤ + 15 % - TD - 13 %		ASTM D1204
Tensile Strength - MD - TD	11,000 – 16,000 psi 6,000 – 7,200 psi	76 – 110 MPa 41 – 55 MPa	ASTM D882
Elongation - MD - TD	100 – 150 % 200 – 275 %		ASTM D882
Modulus, secant - MD - TD	190,000 – 225,000 psi 165,000 – 210,000 psi	1310 – 1551 MPa 1138 – 1448 MPa	ASTM D882
Surface Tension (treated side)	≥ 42 dynes/cm		ASTM D2578
Oxygen Transmission Rate @ 73.4°F (23°C) / 50% RH	cc/100in ² dbar 5.55	cc/m ² dbar 86.09	ASTM F1927-20
Water Vapor Transmission Rate @ 77°F (25°C) / 60% RH @ 86°F (30°C) / 65% RH @ 104°F (40°C) / 75% RH @ 100°F (37.8°C) / 100% RH	g/100in ² d 0.0018 0.0038 0.0130 0.0170	g/m ² d 0.028 0.059 0.202 0.264	ASTM F1249



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Solstice Advanced Materials Inc.

115 Tabor Rd. | Morris Plains, NJ 07950



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