SOLSTICE ACLAR® Rx160

TECHNICAL DATA SHEET

Aclar® Rx 160 is a high transparent 0.6 mil (15 µm) PCTFE homopolymer medium-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 0.60 MIL (15µm) FILM AT 73°F (23°C) - 50% RH		TYPICAL VALUE		TEST METHOD
		ENGLISH	METRIC	
Specific Gravity			2.11 g/cm³	ASTM D1505
Yield		21,896 in²/lb.	31.14 m²/kg	
Haze		< 1 %		ASTM D1003
Crystalline Melting Point		412°F	211°C	ASTM D4591
Dimensional Stability (10 mins. @ 300°F/149°C)	- MD - TD	≤ + 14 % < - 13 %		ASTM D1204
Tensile Strength	- MD - TD	11,000 – 17,000 psi 5,500 – 7,000 psi	76 - 117 MPa 38 - 48 MPa	ASTM D882
Elongation	- MD - TD	80 - 130 % 200 - 275 %		ASTM D882
Modulus, secant	- MD - TD	200,000 - 240,000 psi 180,000 - 220,000 psi	1379 - 1655 MPa 1241 - 1517 MPa	ASTM D882
Surface Tension (treated side)		≥ 42 dynes/cm		ASTM D2578
Oxygen Transmission Rate @ 73.4°F (23°C) / 50% RH		cc/100in²dbar 9.08	cc/m²dbar 140.76	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/100in²d 0.0033 0.0062 0.0210 0.0270	g/m²d 0.051 0.096 0.326 0.419	ASTM F1249

Please refer to the Solstice Regulatory Clearance Certificate (RCC) for compliance status.

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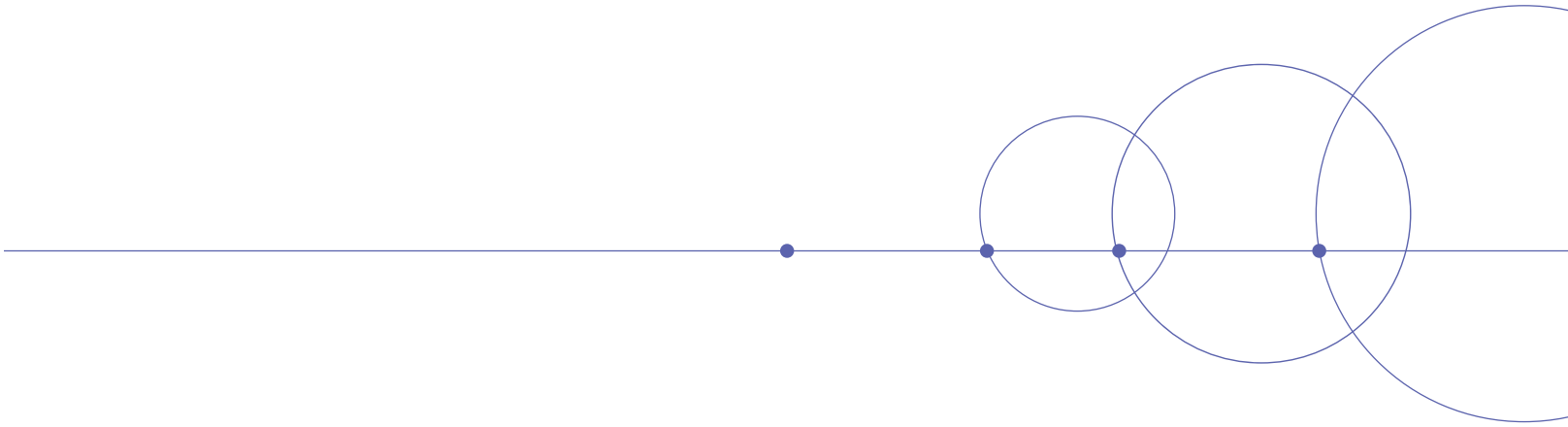

Responsible Care
Our commitment to sustainability

For More Information Visit
solstice.com

Solstice Advanced Materials Inc.
115 Tabor Rd. | Morris Plains, NJ 07950

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