

Honeywell Aclar® SupRx 900

Effective Date: 12/08/08
Revised Date: 07/15/10

Aclar® SupRx 900 is a 0.90 mil (23 micron) PCTFE homopolymer, high performance barrier film for the pharmaceutical and medical markets. It thermoforms well on conventional blister packaging equipment and offers increased moisture barrier over the Aclar® mid-barrier range of films for more demanding applications.

Properties of 0.90 mil (23μ) film at 73°F- 50% RH	Typical Value		Test Method
	English	Metric	
Specific Gravity	2.11		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) - TD	≤ + 12 % < - 12 %		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
Water Vapor Transmission Rate @ 77°F (25°C) / 60% RH @ 86°F (30°C) / 60% RH @ 86°F (30°C) / 65% RH @ 104°F (40°C) / 75% RH @ 100°F (37.8°C) / 100% RH	gms/100in ² /day 0.0018 0.0030 0.0038 0.0130 0.0170	gms/m ² /day 0.028 0.047 0.059 0.202 0.264	ASTM F1249

Aclar® is manufactured in accordance with industry accepted standards for cGMP. It complies with the following regulations and requirements: FDA 21 CFR 177.1380, USP Class VI Plastics, and EU Directive 2002/72/EC. Drug Master File #1578 has been established with the FDA for Aclar® Films. Please contact your Honeywell representative for additional information and detailed compliance statements.

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