

Honeywell Aclar® Rx160

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Aclar® Rx160 is a 0.60 mil (15 micron) PCTFE homopolymer, high performance barrier film for the pharmaceutical and medical markets. It thermoforms well on conventional blister packaging equipment and offers all the benefits of Aclar® where barrier considerations are less demanding.

Properties of 0.60 mil (15μ) film at 73°F- 50% RH	Typical Value		Test Method
	English	Metric	
Specific Gravity	2.11		ASTM D1505
Yield	21,896 in ² /lb.	31.14 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 – 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
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 0.0033 0.0060 0.0062 0.0210 0.0270	gms/m ² /day 0.051 0.093 0.096 0.326 0.419	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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