

HONEYWELL ACLAR ACCEL™ 800

Aclar® Accel 800 film is a 0.8 mil (20 micron) PCTFE homopolymer, high performance clear barrier film for the pharmaceutical and medical markets. It thermoforms well on conventional blister packaging equipment.

PROPERTIES OF 0.8 MIL (20µm) FILM AT 73°F(23°C)-50%RH	TYPICAL VALUE		TEST METHOD	
	ENGLISH	METRIC		
Specific Gravity	2.11		ASTM D1505	
Yield	16,420 in ² /lb.	23.35 m ² /kg		
Crystalline Melting Point	412°F	211°C	ASTM D4591	
Dimensional Stability (10 mins. @ 300°F/149°C)	- MD - TD	≤ + 12 % ≤ - 12 %	ASTM D1204	
Tensile Strength	- MD - TD	11,000 - 16,000 psi 6,000 - 7,200 psi	76 - 110 MPa 41 - 50 MPa	ASTM D882
Elongation	- MD - TD	90 - 150 % 200 - 275 %	ASTM D882	
Modulus, secant	- MD - TD	190,000 - 225,000 psi 180,000 - 220,000 psi	1310 - 1551 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/100in ² d bar 5.86	cc/m ² d bar 90.86	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 0.0023 0.0040 0.0150 0.0190	g/m ² d 0.037 0.062 0.233 0.295	ASTM F1249



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For more information:

To learn more about Honeywell Aclar Film, visit honeywell-aclar.com or contact your Honeywell account manager.

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