

## Honeywell Aclar Accel 1700

Aclar Accel 1700 film is a 1.7 mil (43 micron) PCTFE homopolymer, high performance barrier film for the pharmaceutical and medical markets. It thermoforms well on conventional blister packaging equipment and provides the highest barrier of any clear film.

Properties of 1.7 mil (43 $\mu$ ) film at 73°F- 50% RH	Typical Value		Test Method
	English	Metric	
Specific Gravity	2.11		ASTM D1505
Yield	7,723 in <sup>2</sup> /lb.	10.98 m <sup>2</sup> /kg	
Crystalline Melting Point	412°F	211°C	ASTM D4591
Dimensional Stability -MD (10 mins. @ 300°F/149°C) - TD	< + 12 % < - 10 %		ASTM D1204
Tensile Strength - MD - TD	9,000 – 12,000 psi 5,000 – 8,000 psi	62 - 83 MPa 34 - 55 MPa	ASTM D882
Elongation - MD - TD	175 - 250 % 250 - 300 %		ASTM D882
Modulus, secant - MD - TD	170,000 - 200,000 psi 170,000 - 200,000 psi	1172 - 1379 MPa 1172 - 1379 MPa	ASTM D882
Surface Tension (treated side)	$\geq$ 42 dynes/cm		ASTM D2578
Water Vapor Transmission Rate	g/100in <sup>2</sup> /day	g/m <sup>2</sup> /day	ASTM F1249
@ 77°F (25°C) / 60% RH	0.0011	0.018	
@ 86°F (30°C) / 65% RH	0.0024	0.037	
@ 104°F (40°C) / 75% RH	0.0088	0.136	
@ 100°F (37.8°C) /100% RH	0.0100	0.155	

Aclar Accel film is manufactured in accordance with industry accepted standards for cGMP. It complies with the following regulations and requirements: FDA 21 CFR 177.1380, USP 661.1, USP Class VI Plastics, and EU Directive 2002/72/EC. Drug Master File: 033505 has been established with the FDA for Aclar Accel Films. Please contact your Honeywell representative for additional information and detailed compliance statements.

**Honeywell**  
Packaging & Composites  
115 Tabor Rd  
Morris Plains, NJ 07650  
800-934-5679

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