HONEYWELL ACLAR® ULTRX 2000

Aclar®UltRx 2000 is a 2.00 mil (51 micron) PCTFE homopolymer, high performance clear barrier film for the pharmaceutical and medical markets. It thermoforms well on conventional blister packaging equipment.

PROPERTIES OF 2.00 MIL (51µm) FILM AT 73°F(23°C)-50%RH	TYPICAL VALUE		TEST METHOD
	ENGLISH	METRIC	
Specific Gravity	2.11		ASTM D1505
Yield	6,567 in^2/lb.	9.34 m^2/kg	
Haze	< 1 %		ASTM D1003
Crystalline Melting Point	412°F	211°C	ASTM D4591
Dimensional Stability (10 mins. @ 300°F/149°C) - MD - TD	≤ + 6 % ≤ - 6 %		ASTM D1204
Tensile Strength - MD - TD	7,000 – 10,000 psi 4,500 – 7,500 psi	48 - 69 MPa 31- 52 MPa	ASTM D882
Elongation - MD - TD	150 - 200 % 175 - 250 %		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)	≥ 42 dynes/cm		ASTM D2578
Oxygen Transmission Rate @ 73.4°F (23°C) / 50% RH	cc/100in^2 d bar 2.50	cc/m^2 d bar 38.72	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 0.0012 0.0019 0.0066 0.0077	g/m^2 d 0.019 0.029 0.102 0.119	ASTM F1249

RESPONSIBLE CARE®
OUR COMMITMENT TO SUSTAINABILITY

All statements and information provided herein are believed to be accurate and reliable, but are presented without guarantee, warranty or responsibility of any kind, express or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated herein, or that other measures may not be required. User assumes all liability for use of the information and results obtained. Aclar® is a registered trademark of Honeywell International

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

Honeywell Fluorine Products
115 Tabor Road
Morris Plains, NJ 07950
1-800-631-8138
www.honeywell.com

DTS-22-84-EN | 12/22
© 2022 Honeywell International Inc.

THE FUTURE IS WHAT WE MAKE IT

Honeywell