

Honeywell Aclar® UltRx 2000

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

| Properties of 2.00 mil (51μ) film at 73°F- 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 -MD (10 mins. @ 300°F/149°C) - TD | ≤ + 6 % < - 6 % | | ASTM D1204 |
| Tensile Strength - MD - TD | 7,000 – 10,000 psi 4,5000 – 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 |
| Water Vapor Transmission Rate @ 77°F (25°C) / 60% RH @ 86°F (30°C) / 60% RH @ 104°F (40°C) / 75% RH @ 100°F (37.8°C) /100% RH | gms/100in ² /day 0.0012 0.0025 0.0066 0.0077 | gms/m ² /day 0.0186 0.0388 0.102 0.119 | 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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