

Propafilm™ RC200

Polypropylene Alloy

Innovia Films Ltd.

Message:

Acrylic Coated Film

Biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous acrylic (chlorine free) dispersion.

RC200/240 are suitable for heavy duty applications where the films' excellent hot-tack and seal threshold can give superior machine performance over alternative structures.

| General Information | | | |
|--|-----------------------------------|---|-----------------|
| Features | Antiblocking | | |
| | Flavor & Aroma Barrier | | |
| | Food Contact Acceptable | | |
| | Good Impact Resistance | | |
| | Heat Sealable | | |
| | Hot Tack Strength | | |
| | Low Temperature Heat Sealability | | |
| | Low Temperature Impact Resistance | | |
| | Moisture Barrier | | |
| | Opticals | | |
| | Puncture Resistant | | |
| Uses | Bags | | |
| | Bi-axially Oriented Film | | |
| | Laminates | | |
| | Packaging | | |
| Forms | Film | | |
| Physical | Nominal Value | Unit | Test Method |
| Molding Shrinkage | | | Internal Method |
| Flow : 121°C, 1 min | 2.0 | % | |
| Flow : 129°C, 1 min | 7.0 | % | |
| Across Flow : 129°C, 1 min | 1.0 | % | |
| Mechanical | Nominal Value | Unit | Test Method |
| Coefficient of Friction | | | ASTM D1894 |
| vs. Itself - Dynamic | 0.25 | | |
| vs. Itself - Static | 0.25 | | |
| Films | Nominal Value | Unit | Test Method |
| Seal Strength ¹ | 0.15 | N/mm | Internal Method |
| Seal Initiation Temperature ² | 85.0 to 146 | °C | Internal Method |
| Oxygen Permeability (25°C, 0% RH) | 15 | cm ³ ·mm/m ² /atm/24 hr | ASTM F1927 |


| Water Vapor Transmission Rate (38°C, 90% RH) | 3.1 | g/m ² /24 hr | ASTM F1770 |
|--|---------------------|-------------------------|-----------------|
| Film Gauge | 240 | | Internal Method |
| Yield | 21.1 | m ² /kg | Internal Method |
| Optical | Nominal Value | Unit | Test Method |
| Gloss (45°) | 95 | | ASTM D2457 |
| Haze ³ | 1.5 | % | ASTM D1003 |
| NOTE | | | |
| 1. | 265°F; 2secs; 15psi | | |
| 2. | 2secs; 15psi | | |
| 3. | Wide angle; 2.5° | | |

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