

TRANSPROP™ RC-F

DESCRIPTION:

TransProp RC-F is a clear biaxially oriented polypropylene film coated on both sides with an aqueous acrylic dispersion.

CHARACTERISTICS:

- Heat Sealable on both sides with excellent hot tack
- Excellent barrier to water vapor, flavors and aromas
- Low sealing threshold and broad sealing range
- Both sides are receptive to inks, adhesives and tear-tapes
- Superior optical properties
- Puncture and impact-resistance properties are maintained even at lower temperatures

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

| PROPERTIES | UNIT OF MEASURE | TECHNICAL DATA | | | | TEST METHOD |
|--------------------|--------------------------------|----------------|---------|---------|---------|----------------------|
| Thickness | Gauge | 80 | 100 | 120 | 140 | - |
| Yield | in ² /lb | 38,400 | 30,800 | 25,700 | 22,100 | - |
| Shrinkage MD | % | 2.0 | 2.0 | 2.0 | 2.0 | 250°F x 60 secs |
| Shrinkage TD | % | 0.0 | 0.0 | 0.0 | 0.0 | 250°F x 60 secs |
| Shrinkage MD | % | 7.0 | 7.0 | 7.0 | 7.0 | 265°F x 60 secs |
| Shrinkage TD | % | 1.0 | 1.0 | 1.0 | 1.0 | 265°F x 60 secs |
| Sealing Range | °F | 185-295 | 185-295 | 185-295 | 185-295 | 2 secs x 15 PSI |
| Seal Strength | g(f)/in | >400 | >400 | >400 | >400 | 265°F x 2 secs x PSI |
| Gloss (45°) | % | 95 | 95 | 95 | 95 | ASTM D2457 |
| COF (Film to Film) | Kinetic | 0.25 | 0.25 | 0.25 | 0.25 | ASTM D1894 |
| COF (Film to Film) | Static | 0.25 | 0.25 | 0.25 | 0.25 | ASTM D1894 |
| Haze (Wide Angle) | % | 1.5 | 1.5 | 1.5 | 1.5 | ASTM D1003 |
| WVTR | g/100 in ² /24 hrs | 0.52 | 0.39 | 0.35 | 0.29 | ASTM F1770 |
| OTR | cc/100 in ² /24 hrs | 61.29 | 54.84 | 48.39 | 41.94 | ASTM D1927 |

*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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