

RC-F Biaxially Oriented Polypropylene (BOPP) Film

DESCRIPTION

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.

COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.

TECHNICAL DATA

PROPERTIES		UNIT OF MEASURE	TYPICAL VALUES				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				2sec/15psi
Seal Strength		g(f)/in	>400				265°F/2sec/15psi
Gloss (45°)		%	95				ASTM D2457
COF (Film to Film)		Kinetic	0.25				ASTM D1894
COF (Film to Film)		Static	0.25				ASTM D1894
Haze (Wide Angle)		%	1.5				ASTM D1003
WVTR		g/100in ² /day	0.52	0.39	0.35	0.29	ASTM F1770
OTR		cc/100in ² /day	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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