

RDU-F Biaxially Oriented Polypropylene (BOPP) Film

DESCRIPTION

RDU-F is a clear, biaxially oriented polypropylene (BOPP) film, coated on one side with an aqueous dispersion of PVdC copolymer and on the other side with an aqueous acrylic dispersion.

CHARACTERISTICS

- Very high oxygen barrier
- Excellent barrier to water vapor, gases, and aromas
- Heat sealable on both sides. (A/A, P/A, and A/P)
- Both sides of the film are receptive to inks, adhesives, and tear tapes
- Puncture and impact-resistance properties are maintained even at low 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 VALUE		TEST METHOD
Thickness		gauge	85	100	-
Yield		in ² /lb	34,900	28,500	-
Shrinkage	MD	%	4.0		250°F/60 sec
Shrinkage	TD	%	0.0		250°F/60 sec
Shrinkage	MD	%	7.0		265°F/60 sec
Shrinkage	TD	%	1.0		265°F/60 sec
Sealing Range A/A		°F	185-295		2 sec/15 psi
Sealing Range P/P		°F	220-295		2 sec/15 psi
Seal Strength A/A		g(f)/in	>400		265°F/2sec/15psi
Seal Strength P/P		g(f)/in	>400		265°F/2sec/15psi
Gloss (45°)		Gloss Units	100		ASTM D2457
CoF, A/P (Static)		-	0.20-0.30		ASTM D1894
CoF, A/P (Dynamic)		-	0.20-0.30		ASTM D1894
Haze (2.5°)		%	2-3		ASTM D1003
WVTR (38°C, 90%RH)		g/100in ² /day	0.62	0.56	ASTM F1770
OTR (23°C, 85%RH)		cc/100in ² /day	0.9	0.9	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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