

Propafilm™ RXL80

Polypropylene Alloy

Innovia Films Ltd.

Message:

One Side High Barrier PVdC Coated Lamination Film

Biaxially oriented polypropylene (BOPP) film coated on one side with an aqueous dispersion of polyvinylidene chloride (PVdC) copolymer. The other surface is a discharge treated coextruded layer.

RXL80 is suitable for use in lamination structures especially for dried foods, snacks and general barrier lamination applications.

General Information			
Features	Excellent Printability		
	Food Contact Acceptable		
	Heat Sealable		
	Low Gas Permeability		
	Low Moisture Vapor Transmission		
Uses	Bi-axially Oriented Film		
	Food Service Applications		
	Laminates		
	Packaging		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage			Internal Method
Flow : 120°C, 1 min	4.0	%	
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 ¹	0.50 to 0.60		
vs. Itself - Dynamic, PVdC/PVdC	0.30 to 0.50		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	2000	µm	
Seal Strength ²	0.15	N/mm	Internal Method
Seal Initiation Temperature			
-- ³	104 to 146	°C	
-- ⁴	129 to 146	°C	Internal Method
Oxygen Permeability (23°C, 0% RH)	0.15	cm ³ · mm/m ² /atm/24 hr	ASTM F1927
Water Vapor Transmission Rate (38°C, 90% RH)	4.0	g/m ² /24 hr	ASTM F1770
Yield	52.3	m ² /kg	Internal Method

Optical	Nominal Value	Unit	Test Method
Gloss (45°)	100		ASTM D2457
Haze ⁵	2.0 to 3.0	%	ASTM D1003

NOTE

1. Coextruded/Coextruded
2. PVdC/PVdC; 2secs; 15psi
3. PVdC/PVdC; 2secs; 15psi
4. Coextruded/Coextruded; 2secs; 15psi
5. Wide angle; 2.5°

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