

Propafilm™ RXD90

Polypropylene Alloy

Innovia Films Ltd.

Message:

Barrier Coated Film
Biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous dispersion of polyvinylidene chloride (PVdC) copolymer.
RXD90 is suitable for use as a single web or in laminate structures for overwrapping and form-fill-seal packaging.

General Information			
Features	Antistatic		
	Excellent Printability		
	Flavor & Aroma Barrier		
	Food Contact Acceptable		
	Gas Barrier		
	Good Impact Resistance		
	Good Weather Resistance		
	Low Moisture Vapor Transmission		
	Low Temperature Impact Resistance		
	Machinable		
	Moisture Barrier		
	Puncture Resistant		
Uses	Bi-axially Oriented Film		
	Laminates		
	Packaging		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage			Internal Method
Flow : 121°C, 1 min	4.0	%	
Flow : 129°C, 1 min	7.0	%	
Across Flow : 129°C, 1 min	4.0	%	
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
Film Thickness - Tested	2300	µm	
Seal Strength ¹	0.14	N/mm	Internal Method
Seal Initiation Temperature ²	93.3 to 146	°C	Internal Method
Oxygen Permeability (25°C, 0% RH)	0.38	cm ³ ·mm/m ² /atm/24 hr	ASTM F1927

Water Vapor Transmission Rate (38°C, 90% RH)	4.8	g/m ² /24 hr	ASTM F1770
Yield	48.4	m ² /kg	Internal Method
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	110		ASTM D2457
Haze ³	2.0	%	ASTM D1003
NOTE			
1.	2secs; 15psi		
2.	2secs; 15psi		
3.	Wide angle; 2.5°		

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