

Propafilm™ RHX200

Polypropylene Alloy

Innovia Films Ltd.

Message:

Heavy Duty Barrier Coated Film

Biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous dispersion of polyvinylidene chloride (PVdC) copolymer.

RHX200 is suitable for use as a single web replacement of laminations. Particularly suited to vertical form-fillseal applications in the confectionery industry.

General Information			
Features	Antistatic		
	Excellent Printability		
	Food Contact Acceptable		
	Good Impact Resistance		
	Good Weather Resistance		
	Heat Sealable		
	Low Moisture Vapor Transmission		
	Low Temperature Impact Resistance		
	Puncture Resistant		
Uses	Bi-axially Oriented Film		
	Food Service Applications		
	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	1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic, Outside/Outside	0.25		
vs. Itself - Static, Outside/Outside	0.25		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	5100	µm	
Seal Strength ¹	0.14	N/mm	Internal Method
Seal Initiation Temperature ²	93.3 to 146	°C	Internal Method
Oxygen Permeability (23°C, 0% RH)	0.43	cm ³ ·mm/m ² /atm/24 hr	ASTM F1927

Water Vapor Transmission Rate (38°C, 90% RH)	3.3	g/m ² /24 hr	ASTM F1770
Yield	20.1	m ² /kg	Internal Method
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	110		ASTM D2457
Haze ³	2.0	%	ASTM D1003
NOTE			
1.	225°F; 1sec; 15lb/in ²		
2.	2secs; 15psi		
3.	Wide angle; 2.5°		

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