

# Propafilm™ RC240

Polypropylene Alloy

Innovia Films Ltd.

## Message:

Acrylic Coated Film

Biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous acrylic (chlorine free) dispersion.

RC200/240 are suitable for heavy duty applications where the films' excellent hot-tack and seal threshold can give superior machine performance over alternative structures.

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	Heat Sealable		
	Low Moisture Vapor Transmission		
	Low Temperature Impact Resistance		
	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	2.0	%	
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	0.25		
vs. Itself - Static	0.25		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	6100	µm	
Seal Strength <sup>1</sup>	0.15	N/mm	Internal Method
Seal Initiation Temperature <sup>2</sup>	85.0 to 146	°C	Internal Method
Oxygen Permeability (25°C, 0% RH)	14	cm <sup>3</sup> · mm/m <sup>2</sup> /atm/24 hr	ASTM F1927
Water Vapor Transmission Rate (38°C, 90% RH)	2.9	g/m <sup>2</sup> /24 hr	ASTM F1770
Yield	18.3	m <sup>2</sup> /kg	Internal Method
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	95		ASTM D2457

Haze <sup>3</sup>	1.5	%	ASTM D1003
NOTE			
1.	265°F; 2secs; 15psi		
2.	2secs; 15psi		
3.	Wide angle; 2.5°		

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