Propafilm™ RC140

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.
RC140/160 are suitable for VFF bag applications in the confectionery industry where good hot-tack properties are required.

General Information	
Features	Antiblocking
	Flavor & Aroma Barrier
	Food Contact Acceptable
	Good Impact Resistance
	Heat Sealable
	Hot Tack Strength
	Low Temperature Heat Sealability
	Low Temperature Impact Resistance
	Moisture Barrier
	Opticals
	Puncture Resistant
Uses	Bags
	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	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
Seal Strength [1]	0.15	N/mm	Internal Method
Seal Initiation Temperature [2]	85.0 to 146	°C	Internal Method
Oxygen Permeability (25°C, 0% RH)	17	$cm^3 \cdot mm/m^2/atm/24\ hr$	ASTM F1927

Water Vapor Transmission Rate (38°C, 90% RH)	4.5	$g/m^2/24\ hr$	ASTM F1770
Film Gauge	140		Internal Method
Yield	31.4	m^2/kg	Internal Method
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (45°)	95		ASTM D2457
Haze [3]	1.5	%	ASTM D1003
NOTE			
1.	265°F; 2secs; 15psi		
2.	2secs; 15psi		
3.	Wide angle; 2.5°		

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