

Propafilm™ RC80

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.

RC80 is suitable for use in single web applications or in a lamination to itself in both plain and printed forms on high-speed overwrapping and form-fill-seal machinery.

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		
	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)	24	cm ³ ·mm/m ² /atm/24 hr	ASTM F1927

Water Vapor Transmission Rate (38°C, 90% RH)	8.1	g/m ² /24 hr	ASTM F1770
Film Gauge	80.0		Internal Method
Yield	54.6	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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

