

Propafilm™ RBC120

Polypropylene Alloy

Innovia Films Ltd.

Message:

Acrylic Coated White Pigmented Film

White pigmented, biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous acrylic (chloride free) dispersion.

RBC120 is suitable for use in both plain and printed forms on high-speed overwrapping and form-fill-seal machinery. Particularly suited for use as a direct product overwrap or carton overwrap in the bakery and confectionery industries.

General Information			
Features	Broad Seal Range		
	Flavor & Aroma Barrier		
	Food Contact Acceptable		
	Gas Barrier		
	Good Impact Resistance		
	Good UV Resistance		
	Good Weather Resistance		
	Heat Sealable		
	High Gloss		
	Low Temperature Heat Sealability		
	Low Temperature Impact Resistance		
	Moisture Barrier		
	Puncture Resistant		
Uses	Bi-axially Oriented Film		
	Food Service Applications		
	Packaging		
Appearance	White		
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	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)	22	cm ³ ·mm/m ² /atm/24 hr	ASTM F1927
Water Vapor Transmission Rate (38°C, 90% RH)	5.0	g/m ² /24 hr	ASTM F1770
Film Gauge	120		Internal Method
Yield	33.9	m ² /kg	Internal Method
Optical	Nominal Value	Unit	Test Method
Opacity	62	%	ASTM D589
NOTE			
1.	265°F; 2secs; 15psi		
2.	2secs; 15psi		

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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

