

Propafilm™ FFB120

Polypropylene Alloy

Innovia Films Ltd.

Message:

White pigmented biaxially oriented polypropylene (BOPP) film with a fast seal coating on one side and an aqueous acrylic coating on the other side. FFB120 is suitable for use as a single film or in lamination for horizontal-form-fill-seal packaging especially in the bakery and confectionery industries, where strong seals, excellent seal integrity and a wide operating range are required.

General Information			
Features	Aromatic		
	Excellent Printability		
	Flavor & Aroma Barrier		
	Food Contact Acceptable		
	Good Heat Seal		
	Hot Tack Strength		
	Moisture Barrier		
	Moisture Resistant		
	Opticals		
	Very Broad Seal Range		
Uses	Bi-axially Oriented Film		
	Film		
	Food Service Applications		
	Laminates		
	Packaging		
Appearance	White		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage			Internal Method
Flow : 121°C, 1 min	3.6	%	
Flow : 129°C, 1 min	6.8	%	
Across Flow : 121°C, 1 min	1.2	%	
Across Flow : 129°C, 1 min	0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic, Acrylic/Acrylic	0.25		
vs. Itself - Dynamic, Fast Seal/Fast Seal	0.50		
Films	Nominal Value	Unit	Test Method
Seal Strength ¹	0.19	N/mm	Internal Method
Seal Initiation Temperature ²	65.6 to 146	°C	Internal Method

Oxygen Permeability (23°C, 0% RH)	19	cm ³ ·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	120		Internal Method
Yield	34.2	m ² /kg	Internal Method
Optical	Nominal Value	Unit	Test Method
Opacity	62	%	BS 4432
NOTE			
1.	212°F; 1secs; 60psi; Fast Seal Surface		
2.	0.1secs, 60psi, Fast Seal Surface		

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