

Propafilm™ FFC120

Polypropylene Alloy

Innovia Films Ltd.

Message:

Biaxially oriented polypropylene (BOPP) film with a fast seal coating on one side and an aqueous acrylic coating on the other side.

FFC100/120 are suitable for use as single films or in laminate structures for horizontal-form-fill-seal packaging especially in the bakery and confectionery industries, requiring strong seals and excellent seal integrity.

General Information			
Features	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 Packaging		
	Laminates		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage			Internal Method
Flow : 121°C, 1 min	4.9	%	
Flow : 129°C, 1 min	8.6	%	
Across Flow : 121°C, 1 min	1.4	%	
Across Flow : 129°C, 1 min	2.0	%	
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 (25°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	36.9	m ² /kg	Internal Method
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	95		ASTM D2457
Haze ³	2.5	%	ASTM D1003
NOTE			
1.	212°F; 1secs; 60psi		
2.	0.1secs; 60psi		
3.	Wide angle; 2.5°		

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