

Propafilm™ FFC100

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	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 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)	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	100		Internal Method
Yield	44.1	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°		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

