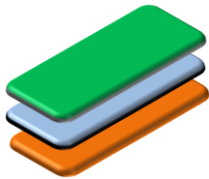




TECHNICAL DATA SHEET

PVdC COATED NON-SEALABLE BOPP

IMP670



High Barrier PVdC coated surface
BOPP base film
Non-heatsealable PP layer

A PVdC coated transparent BOPP film with high oxygen, aroma and flavor barrier. IMP670 offers good mechanical properties and flex crack resistance in laminates. IMP670 can be used in single web or laminate applications and can assist in the extension of shelf life of a range of oxygen sensitive food products.

PRODUCT FEATURES

- Excellent oxygen, carbon dioxide and nitrogen gas barrier
- Excellent flavor and aroma barrier
- Superior flex crack resistance
- Excellent surface gloss and transparency
- Excellent printability on the PVdC coated side
- Non-sealable polypropylene side

APPLICATIONS

- Used in laminates to achieve high gas barrier properties
- Barrier layer in laminates for snacks, pastries, cheese, meat, nuts, cereals, flavored, powdered and processed foods
- Barrier layer for overwrap applications such as cosmetics and personal care products

PROPERTIES	TEST METHOD	UNITS	IMP670
GENERAL			
Coated Film Thickness	GB/T6672	ga	70
Yield	ASTM D4321	lb/ream	11.2
		in ² /lb	38600
Treatment Level	GB/T14216	PVdC side	48
		PP Side	38
Haze	Maximum ASTM D1003	%	2.2
Coefficient of Friction (CoF)	BOPP side ASTM D1894	Kinetic	0.30 - 0.40
MECHANICAL			
Tensile Strength	ASTM D884	MD	18750
		TD	33200
Elongation to Break	ASTM D884	MD	120
		TD	50
BARRIER			
Water Vapor Transmission Rate	100°F/90% RH ISO 15106-3	g/100in ² /24h	0.23
Oxygen Transmission Rate	73°F/0% RH ASTM D3985	cc/100in ² /24h	0.39

Guidelines for storage

Temperature should be less than 86°F and humidity 55±5% in storage areas. Material should be consumed within 6 months of receipt. Allow film to reach operating room temperature 24h before use.

Printing & Lamination

It is recommended to laminate the PVdC coated side of the film when used in a laminate structure. Advice should be taken from your ink supplier.

FDA Compliance: For information regarding food contact compliance, please contact your Impak Films representative

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