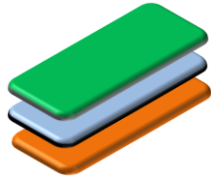




TECHNICAL DATA SHEET

HIGH BARRIER PVdC COATED, ONE SIDE LOW SIT SEALABLE BOPP

IMP673



High Barrier PVdC coated surface
BOPP base film
Heat sealable PP layer (185°F SIT)

A PVdC coated transparent BOPP film with high oxygen, aroma and flavor barrier. IMP673 offers good mechanical properties and flex crack resistance in laminates. IMP673 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
- High seal strength on the 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	IMP673
GENERAL			
Coated Film Thickness	GB/T6672	ga	71
Yield	ASTM D4321	lb/ream	11.15
		in ² /lb	38700
Treatment Level	PVdC side GB/T14216	dyne	> 50
Haze	Maximum ASTM D1003	%	< 4.0
Coefficient of Friction (CoF)	PP side ASTM D1894	Kinetic	< 0.45
MECHANICAL			
Tensile Strength	MD ASTM D884	psi	20300
	TD ASTM D884	psi	41200
Elongation to Break	MD ASTM D884	%	200
	TD ASTM D884	%	60
Heat Seal Strength (265°F/1.0sec/22psi)	PP Sealing side Internal	g/in	600
BARRIER			
Water Vapor Transmission Rate	100°F/90% RH ISO 15106-3	g/100in ² /24h	0.24
Oxygen Transmission Rate	73°F/0% RH ASTM D3985	cc/100in ² /24h	0.33

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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IMPAK FILMS AUSTRALIA (www.impakfilms.com.au)

ABN: 42 586 823 597 Address: Unit 1, 15-21 Butler Way, (P.O. Box 1114), Tullamarine Vic. 3043, Australia Telephone: +61 3 9310 5540 Facsimile: +61 3 9310 5590

IMPAK FILMS USA (www.impakfilms.com)

Address: 2300 Lake Park Drive, Suite 270, Smyrna, Georgia 30080, USA Telephone: +1 678 384 5520 Facsimile: +1 678 384 5543