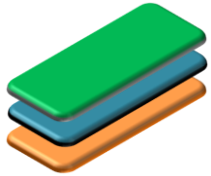




TECHNICAL DATA SHEET

PVdC COATED BOPP

IMP671



PVdC coated surface
BOPP Base film
BOPP Heat sealable layer

A PVdC coated transparent BOPP film, sealable on the non-coated side with high oxygen, aroma and flavor barrier. IMP671 offers good mechanical properties and flex crack resistance in laminates. The use of IMP671 in laminate materials can assist in the extension of shelf life in 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

APPLICATIONS

- Used in laminates to achieve high gas barrier properties
- Barrier layer in laminates for 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	IMP671	IMP671
GENERAL					
Coated Film Thickness		GB/T6672	ga	66	83
Yield		Q/SN2	lb/ream	9.7	11.9
			in ² /lb	44200	36200
Treatment Level	PVdC side	GB/T14216	dyne	42	42
Haze	Maximum	GB2410	%	2.5	2.5
Coefficient of Friction (CoF)	PVdC-PVdC	GB10006	Kinetic	0.60	0.60
	Seal-seal			<0.45	<0.45
MECHANICAL					
Tensile Strength	MD	GB/T13022	psi	18900	18900
	TD	GB/T13022	psi	36300	36300
Elongation to Break	MD	GB/T13022	%	180	180
	TD	GB/T13022	%	65	65
Shrinkage (250°F / 2min)	MD	Q/SN2	%	2.0	2.0
	TD	Q/SN2	%	1.0	1.0
HEAT SEALABILITY					
Heat Seal Strength	260°F/ 20psi / 0.75sec dwell	Internal	g/in	470	
BARRIER					
Water Vapor Transmission Rate	100°F/90% RH	ISO 15106-3	g/100in ² /24h	0.40	0.37
Oxygen Transmission Rate	73°F/0% RH	ASTM D3985	cc/100in ² /24h	0.97	0.97

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 print on the PVdC coated side of the film when used in a laminate structure. Advice should be taken from your ink supplier. When laminating this material, the use of a lamination film free from migratory additives may give improved results.

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