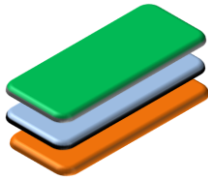




TECHNICAL DATA SHEET

PVdC COATED, ONE SIDE SEALABLE BOPP

IMP672



PVdC coated surface
BOPP base film
Heat sealable PP layer

A PVdC coated transparent BOPP film with high oxygen, aroma and flavor barrier. IMP672 offers good mechanical properties and flex crack resistance in laminates. IMP672 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 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	IMP672	IMP672
GENERAL				
Base Web Thickness	GB/T6672	ga	83	118
Yield	ASTM D4321	lb/ream	12.2	17.8
		in ² /lb	35500	24300
Treatment Level	PVdC side GB/T14216	dyne/cm	>50	>50
Haze	Maximum ASTM D1003	%	1.9	1.9
Coefficient of Friction (CoF)	PVdC-PVdC ASTM D1894	Kinetic	0.35	0.35
MECHANICAL				
Tensile Strength	MD	ASTM D884	psi	19500
	TD	ASTM D884	psi	33200
Elongation to Break	MD	ASTM D884	%	110
	TD	ASTM D884	%	52
Heat Seal Strength (310°F/0.5sec/36psi)	PP Sealing side Internal	g/in	580	580
BARRIER				
Water Vapor Transmission Rate	100°F/90% RH ISO 15106-3	g/100in ² /24h	0.29	0.29
Oxygen Transmission Rate	73°F/0% RH ASTM D3985	cc/100in ² /24h	7.00	7.00

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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