

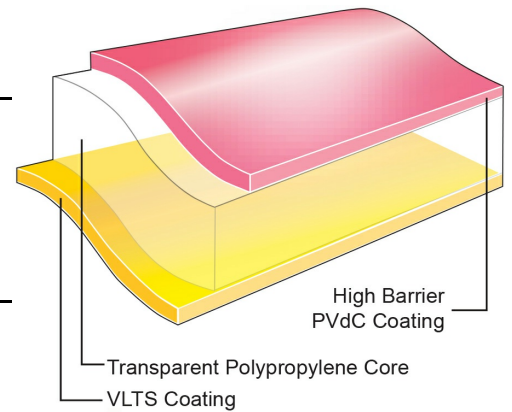
Oriented Polypropylene Film

Product Description

Bicor 32MB768 is a high gas barrier, biaxially oriented transparent polypropylene film, coated on one side PVdC, one side very low temperature seal (VLTS) coating. PVdC provides excellent moisture, gas and aroma protection for all types of products and VLTS coating provides excellent performance on high speed HFFS machines.

Key Features

- Excellent moisture, oxygen and aroma barriers
- Exceptionally wide sealing range with a low minimum seal temperature (MST)
- Excellent seal strength and hot tack
- Robust performance on horizontal flowpack machines
- Excellent seal retention in humid conditions
- Outstanding optical properties
- Water-based coatings



General

Availability

- ✓ Africa & Middle East
- ✓ Asia Pacific
- ✓ Europe

Features

- ✓ Flavor & Aroma Barrier
- ✓ Gas Barrier
- ✓ Moisture Barrier
- ✓ Oxygen Barrier
- ✓ Humidity Resistant
- ✓ Very Broad Seal Range
- ✓ High Barrier Printable PVdC Coated
- ✓ Very Low Temperature Seal (VLTS) Coated

Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Confectionery, Gum
- ✓ Confectionery, Sugar
- ✓ Bakery
- ✓ Confectionery, Chocolate
- ✓ Health and Beauty Care

Uses

- ✓ HFFS Flexible Packaging

Appearance

- ✓ Clear/Transparent

Processing Method

- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Surface Print Unsupported

Revision date

- ✓ October 10, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	34.0	m ² /kg	Internal Method
Unit Weight	29.4	g/m ²	Internal Method
Film Thickness	32	μ	Internal Method
Haze	1.7	%	Internal Method
Gloss(45°)	98		Internal Method
Tensile Strength at Break 200 mm/min pull rate, 120 mm jaw separation			
MD	135	Mpa	Internal Method
TD	275	Mpa	Internal Method
Elongation at Break 200 mm/min pull rate, 120 mm jaw separation			
MD	200	%	Internal Method
TD	65	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-5.0	%	Internal Method
Elastic Modulus			
MD	2200	Mpa	Internal Method
TD	3500	Mpa	Internal Method
Seal Strength VLTS/VLTS 85°C, 0.034 Mpa, 2 sec			
	300	g/2.5 cm	Internal Method
Heat Seal Range VLTS/VLTS			
	70	°C	Internal Method
Coefficient of Friction			
PVdC/PVdC	0.28		Internal Method
VLTS/VLTS	0.40		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	3.0	g/m ² /24 hr	Internal Method
23°C, 85% RH	0.80	g/m ² /24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	20	cm ³ /m ² /24 hr	Internal Method
Oxygen Transmission Rate (Wet)			
23°C, 75% RH	20.0	cm ³ /m ² /24 hr	Internal Method

Legal Statement

Contact your Jindal Films Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB). This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

PVdC and VLTSC coatings are not seal compatible.

Footnotes

1. Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete country availability.
2. Tested at 38°C (100°F)/100%RH, then calculated to 90%RH with .90 multiplier.
3. Sample dimensions and conditioning vary due to differences in equipment design.

Typical properties: these are not to be construed as specifications.

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