

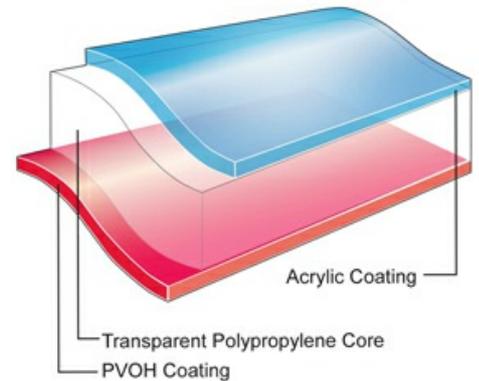
Oriented Polypropylene Film

Product Description

Bicor 21MB866 is a high gas barrier, transparent biaxially oriented polypropylene film, coated one side acrylic, one side PVOH. It provides excellent gas and aroma protection and is designed to be used as the outer web in modified atmosphere applications for dry products.

Key Features

- Exceptional gas and aroma barrier
- Outstanding optical properties
- Ideal support for normal ink systems
- Water based coatings



General

Availability

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

Features

- ✓ Acrylic Coated
- ✓ Gas Barrier
- ✓ Flavor & Aroma Barrier
- ✓ Oxygen Barrier
- ✓ In Lamination Lap Sealable
- ✓ PVOH Coated

Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Pet Food
- ✓ Crisps and Snacks
- ✓ Dry Foods and Beverage Powders

Uses

- ✓ HFFS Flexible Packaging
- ✓ VFFS Flexible Packaging

Appearance

- ✓ Clear/Transparent

Processing Method

- ✓ Inner Web Adhesive Lamination
- ✓ Solvent Rotogravure Printing
- ✓ Outer Web Adhesive Lamination
- ✓ Solvent Flexographic Printing

Revision date

- ✓ October 10, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	56.4	m ² /kg	Internal Method
Unit Weight	17.7	g/m ²	Internal Method
Film Thickness	20	μ	Internal Method
Haze	1.0	%	Internal Method
Gloss(45°)	90		Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	135	Mpa	Internal Method
TD	275	Mpa	Internal Method
Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
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
Seal Strength (ESM) <i>Acrylic Surface</i>			
105°C, 0.034 Mpa, 2 sec	300	g/2.5 cm	Internal Method
Heat Seal Range <i>Acrylic/Acrylic</i>			
	50	°C	Internal Method
Coefficient of Friction <i>Acrylic Surface</i>			
	0.25		Internal Method
Water Vapor Transmission Rate 38°C, 90% RH			
	5.0	g/m ² /24 hr	Internal Method
Oxygen Transmission Rate 23°C, 0% RH			
	0.50	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

- PVOH coating is not heat sealable and is sensitive to humidity

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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