

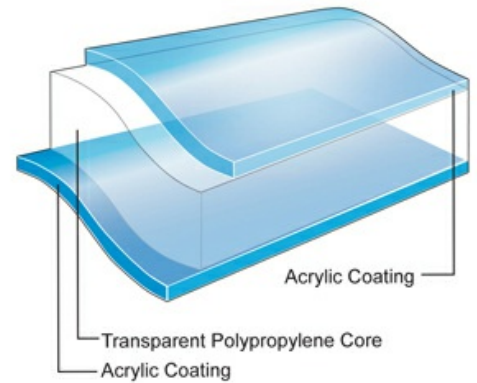
Oriented Polypropylene Film

Product Description

Bicor 32MB600 is a biaxially oriented transparent polypropylene film, acrylic coated two sides. It provides excellent performance on overwrap packaging machines.

Key Features

- Low Sealing Threshold
- Efficient Sealability under Low Pressure
- Good Aroma Barrier
- Outstanding Optical Properties
- Excellent Performance on Overwrap Packaging Machines
- Ideal Support for Normal Ink Systems
- Water Based Coatings



General

Availability

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

Features

- ✓ Acrylic Coated
- ✓ Flavor & Aroma Barrier

Applications

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

Uses

- ✓ Box Overwrap Flexible Packaging
- ✓ Pre-made Bags - Flexible Packaging

Appearance

- ✓ Clear/Transparent

Processing Method

- ✓ Inner Web Adhesive Lamination
- ✓ Outer Web Adhesive Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Surface Print Unsupported

Revision date

- ✓ October 10, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	34.4	m ² /kg	Internal Method
Unit Weight	29.1	g/m ²	Internal Method
Film Thickness	32	μ	Internal Method
Haze	1.3	%	Internal Method
Gloss(45°)	86		Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	130	Mpa	Internal Method
TD	250	Mpa	Internal Method
Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	160	%	Internal Method
TD	50	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-2.0	%	Internal Method
Elastic Modulus			
MD	2200	Mpa	Internal Method
TD	4000	Mpa	Internal Method
Seal Strength (LPS) 100°C, 0.003 Mpa, 0.5 sec			
	200	g/2.5 cm	Internal Method
Seal Strength (ESM) 105°C, 0.034 Mpa, 2 sec			
	300	g/2.5 cm	Internal Method
Heat Seal Range 0.250 Mpa, 0.2 sec			
	50	°C	Internal Method
Coefficient of Friction Both Sides			
	0.25		Internal Method
Water Vapor Transmission Rate 38°C, 90% RH			
	4.2	g/m ² /24 hr	Internal Method
23°C, 85% RH			
	0.90	g/m ² /24 hr	Internal Method
Oxygen Transmission Rate 23°C, 0% RH			
	750	cm ³ /m ² /24 hr	Internal Method
Oxygen Transmission Rate (Wet) 23°C, 75% RH			
	750	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.

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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