

Bicor™ 21MB621

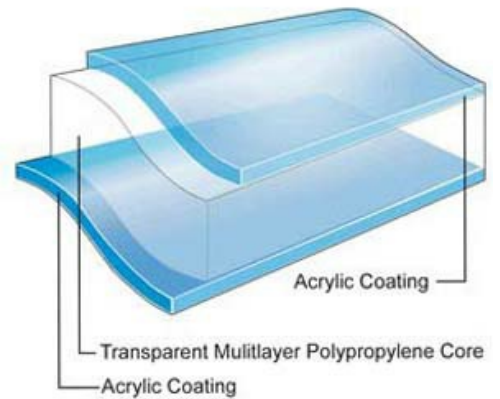
Oriented Polypropylene Film

Product Description

Bicor 21MB621 is a biaxially oriented, transparent polypropylene film, acrylic coated on two sides. It provides outstanding performance in overwrap packaging machines.

Key Features

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



General

Availability

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

Features

- ✓ Acrylic Coated
- ✓ Flavor & Aroma Barrier

Applications

- ✓ Box Overwrap
- ✓ Confectionery, Gum
- ✓ Confectionery, Chocolate
- ✓ Health and Beauty Care
- ✓ Confectionery, Sugar

Uses

- ✓ Box Overwrap 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	52.4	m ² /kg	Internal Method
Unit Weight	19.1	g/m ²	Internal Method
Film Thickness	21	μ	Internal Method
Haze	1.0	%	Internal Method
Gloss(45°)	85		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	140	%	Internal Method
TD	50	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-3.0	%	Internal Method
Elastic Modulus			
MD	2200	Mpa	Internal Method
TD	4000	Mpa	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			
	40	°C	Internal Method
Coefficient of Friction Both Sides			
	0.25		Internal Method
Water Vapor Transmission Rate 38°C, 90% RH			
	7.0	g/m ² /24 hr	Internal Method
	1.4	g/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.

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

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