

# Bicor<sup>™</sup> 21MBT621



Acrylic Coating

Transparent Polypropylene Core

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## **Oriented Polypropylene Film**

#### **Product Description**

Bicor 21MBT621 is a biaxially oriented transparent polypropylene film, acrylic coated two sides. It provides outstanding performance on tobacco overwrap packaging machines.

#### **Key Features**

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

### General



#### October 10, 2013 -

## Properties

Property	Typical Value	Unit	Test Based Or
Yield	52.4	m²/kg	Internal Method
Unit Weight	19.1	g/m²	Internal Method
Film Thickness	21	μ	Internal Method
Haze	1.0	%	Internal Method
Gloss(45°)	85		Internal Method
Tensile Strength at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	130	Мра	Internal Method
TD	250	Мра	Internal Method
Elongation at Break			
200 mm/min pull rate, 120 mm jaw separation			
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	Мра	Internal Method
TD	4000	Мра	Internal Method
Seal Strength (LPS)			
Both Sides			
100°C, 0.003 Mpa, 0.5 sec	200	g/2.5 cm	Internal Method
Seal Strength (ESM)			
Both Sides			
105°C, 0.034 Mpa, 2 sec	300	g/2.5 cm	Internal Method
Coefficient of Friction			
Both Sides	0.25		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	7.0	g/m²/24 hr	Internal Method
23°C, 85% RH	1.4	g/m²/24 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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