

# Bicor™ 20MB666

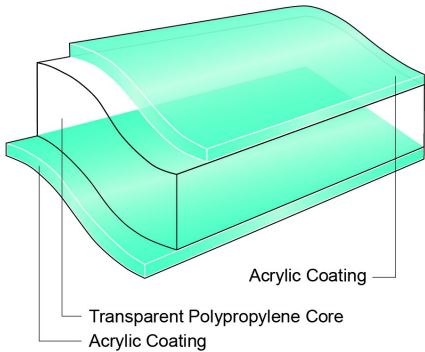


Preliminary

Oriented Polypropylene Film

## Product Description

Bicor™ MB666 is a biaxially oriented transparent polypropylene film, acrylic coated two sides. It provides outstanding performance on all packaging machines and is mainly proposed for use in lamination.



## Key Features

- Low sealing threshold
- High seal strength even under low pressure sealing conditions-
- Good aroma barrier
- Excellent packaging machine performance
- Outstanding optical properties
- Ideal support for normal ink systems
- Water based coatings
- Improved barrier to Mineral Oils compared to non-barrier film<sup>(1)</sup>
- Significant mineral oils contamination protection period of more than 2 years

## General

### Availability

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

### Features

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

### Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Box Overwrap
- ✓ Confectionery, Gum
- ✓ Confectionery, Sugar
- ✓ Tobacco
- ✓ Confectionery, Chocolate
- ✓ Health and Beauty Care
- ✓ Household and Detergents
- ✓ Crisps and Snacks
- ✓ Pet Food

### Uses

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

### Appearance

- ✓ Clear/Transparent

### Processing Method

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

Properties & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	55.0	m <sup>2</sup> /kg	Internal Method
Unit Weight	18.2	g/m <sup>2</sup>	Internal Method
Film Thickness	20	µm	Internal Method
Gloss (45°)	85	Gloss Unit	Internal Method
Haze	1.4	%	Internal Method
Tensile Strength at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	160	Mpa	Internal Method
TD	290	Mpa	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-6.0	%	Internal Method
TD	-5.5	%	Internal Method
Elongation at Break			
MD	175	%	Internal Method
TD	60	%	Internal Method
Elastic Modulus			
MD	2000	Mpa	Internal Method
TD	3800	Mpa	Internal Method
Minimum Sealing Temperature			
(Min 300g/25mm)			
Acrylic / Acrylic			
25N/cm2 - 0,5 sec - Flat/Flat	95	°C	Internal Method
Heat Seal Range (RDM)			
RDM - 25N/cm <sup>2</sup> - 0.5 sec - Flat/Flat			
Acrylic/Acrylic	55	°C	Internal Method
Coefficient of Friction			
Both Sides	0.25		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	7.0	g/m <sup>2</sup> /24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	1000	cm <sup>3</sup> /m <sup>2</sup> /24 hr	Internal Method

TYPICAL PROPERTIES : these are not to be construed as specifications

Food Contact

Any further regulatory information on this product (i.e. Food Contact application, Presence/absence of substances, Reach, ...) are accessible on the below link: <https://www.jindalfilms.com/login-register-docmg/>

Legal Statement

This product is not intended for or supported for use in pharmaceutical or medical applications requiring compliance with EU or US Pharmacopeia.

Processing Statement

Contact your Jindal Films Technical Service Representative for processing recommendations and guidelines.

Footnotes

- (1) Please contact your sales representative to get quantitative data on film barrier properties to Mineral Oils (MOSH and MOAH).
- Dimensional stability is reported for uncoated base film.
- Please contact your Sales Representative for complete country availability.

Revision date

- March 18, 2024

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