# Bicor™ 20MB666

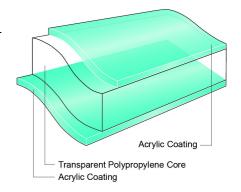


**Oriented Polypropylene Film** 



## **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 minoral oils contamination protection period of more than 2 years

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 m²/kg	Internal Method
Unit Weight	18.2 g/m²	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/cm² - 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/m²/24 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: <a href="https://www.jindalfilms.com/login-register-docmg/">https://www.jindalfilms.com/login-register-docmg/</a>

## **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. (1) Please contact your sales representative to get quantitative data on film barrier properties to Mineral Oils (MOSH and MOAH).
- $2. \ \, \hbox{Dimensional stability is reported for uncoated base film}.$
- 3. Please contact your Sales Representative for complete country availability.

## Revision date

March 18, 2024

© 2023 Jindal Films. Jindal Films, the Jindal Films, unless indicated otherwise. You may not upload, display, publish, license, post, point to, frame, transmit or distribute either this document or its information, whether in whole or in part, without Jindal Films' prior written authorization. To the extent Jindal Films provides prior written authorization, the user may use the document or its information only if the document is unaltered and complete, including all of list headers, footers, disclaimers and other information may be based upon: analyses of representative samples and not the actual product shipped, typical values, or otherwise. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We base the information on data believed to be reliable, but we do not represent, warrant, expressly or impliedle, the merchanish product or materials when not in combination with any other product or materials user is solely responsible for all determinations regarding any use of material or products and any process in the territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of, or related to, anyone using or relying on any of the information in this document. This document is not an endorsement of any non-Jindal Films in ordinal process, and we expressly disclaim any contraval implication. The terms "we" "our," "Jindal Films" and "Jindal" are each used for convenience, and may include Films Americas LLC, Films Europe S.ár.I., Jindal Films Virton SPRL, Jindal Films India Itd., or any companies affliated with them in the production and sale of film products. There are a number of southern shoulding "Jindal" or "Films" and "Silmal" are each used companies, some with names including "Jindal" or "Films" and Some not. Neither