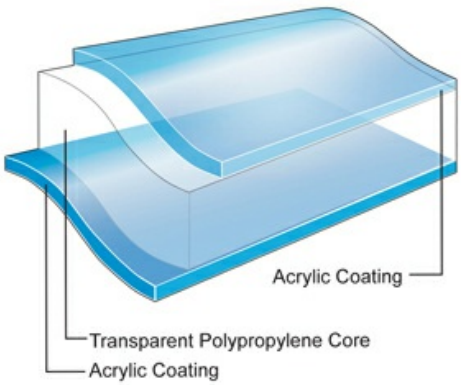
# Bicor™ 20MB666

SI English

**Oriented Polypropylene Film**

## Product Description

Bicor 20MB666 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

## 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
- 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

### Revision date

- October 10, 2013

## Properties

| Property | Typical Value | Unit | Test Based On |
|---|---|---|---|
| Yield | 55.0 | $m^2/kg$ | Internal Method |
| Unit Weight | 18.2 | $g/m^2$ | Internal Method |
| Film Thickness | 20 | µ | Internal Method |
| Haze | 1.2 | % | Internal Method |
| Gloss(45°) | 85 | | 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 |
| Elongation at Break | | | |
| MD | 175 | % | Internal Method |
| TD | 60 | % | Internal Method |
| Dimensional Stability 135°C / 275°F, 7 min | | | |
| MD | -6.0 | % | Internal Method |
| TD | -5.5 | % | Internal Method |
| Elastic Modulus | | | |
| MD | 2000 | Mpa | Internal Method |
| TD | 3800 | 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 | 50 | °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 |
| 23°C, 85% RH | 1.4 | $g/m^2/24$ hr | Internal Method |
| Oxygen Transmission Rate | | | |
| 23°C, 0% RH | 1000 | $cm^3/m^2/24$ hr | Internal Method |
| Oxygen Transmission Rate (Wet) | | | |
| 23°C, 75% RH | 1000 | $cm^3/m^2/24$ 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 identfied Availability regions. Please contact your Sales Representative for complete country availability.
2. Dimensional stability is reported for uncoated base film.
3. Tested at 38°C (100°F)/100%RH, then calculated to 90%RH with .90 multiplier.
4. 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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