

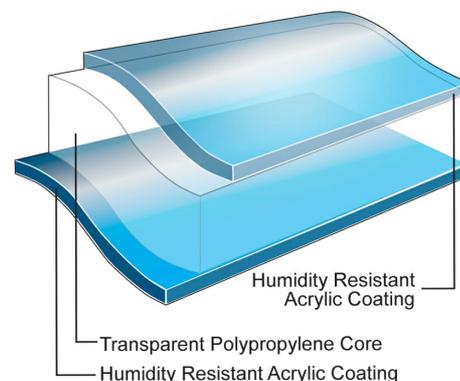
Oriented Polypropylene Film

Product Description

Bicor 30MBR666 is a biaxially-oriented transparent polypropylene film coated with humidity-resistant acrylic on both sides. This film is designed to wrap products with a high moisture content or products stored in humid conditions. MBR666 gives outstanding performance on all packaging machines.

Key Features

- Excellent humidity seal retention on both sides
- Low sealing threshold
- High seal strengths under low pressure sealing
- Good aroma barrier
- Excellent packaging machine performance
- Outstanding optical properties
- Ideal support for normal ink systems
- Water-based coatings



General

Availability

- | | | |
|------------------------|-----------------|-----------------|
| ✓ Latin America | ✓ North America | ✓ South America |
| ✓ Africa & Middle East | ✓ Asia Pacific | ✓ Europe |

Features

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

Applications

- | | | |
|--------------------------|----------------------------|-------------------|
| ✓ Box Overwrap | ✓ Fresh Produce | ✓ Frozen Food |
| ✓ Health and Beauty Care | ✓ Household and Detergents | ✓ Paper Ream wrap |
| ✓ Ice Cream | ✓ Industrial | |

Uses

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

- ✓ August 07, 2014

Properties

Property	Typical Value	Unit	Test Based On
Yield	35.9	m ² /kg	Internal Method
Unit Weight	27.9	g/m ²	Internal Method
Film Thickness	31	μ	Internal Method
Gloss(45°)	85		Internal Method
Haze	1.4	%	Internal Method
Tensile Strength at Break			
MD	135	Mpa	Internal Method
TD	275	Mpa	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-5	%	Internal Method
TD	-5	%	Internal Method
Elongation at Break			
MD	200	%	Internal Method
TD	65	%	Internal Method
Elastic Modulus			
MD	2200	Mpa	Internal Method
TD	3500	Mpa	Internal Method
Seal Strength (ESM)			
105°C, 0.034 Mpa, 2 sec	300	g/2.5 cm	Internal Method
Seal Strength (LPS)			
100°C, 0.003 Mpa, 0.5 sec	200	g/2.5 cm	Internal Method
Seal Range (ESM)			
ESM			
0.034 Mpa, 2 sec	50	°C	Internal Method
Coefficient of Friction			
Both Sides	0.25		Internal Method
Water Vapor Transmission Rate			
23°C, 85% RH	1.0	g/m ² /24 hr	Internal Method
38°C, 90% RH	4.5	g/m ² /24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	750	cm ³ /m ² /24 hr	Internal Method
Oxygen Transmission Rate (Wet)			
23°C, 75% RH	750	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

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

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