

Bicor™ 20MB400

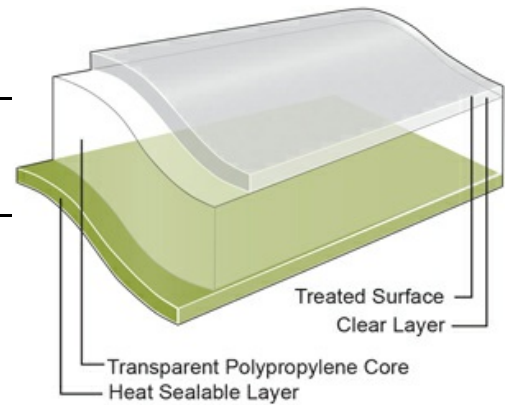
Oriented Polypropylene Film

Product Description

Bicor 20MB400 is a one side treated, sealable coextruded OPP film. It is designed for use in laminations.

Key Features

- Outstanding optical properties
- Good seal strength
- Good dimensional stability
- Good hot slip
- Good hot tack



General

Availability

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

Features

- ✓ In Lamination Lap Sealable

Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Bakery
- ✓ Frozen Food
- ✓ Crisps and Snacks
- ✓ Confectionery, Gum
- ✓ Fresh Produce
- ✓ Health and Beauty Care
- ✓ Pet Food
- ✓ Confectionery, Sugar
- ✓ Confectionery, Chocolate
- ✓ Household and Detergents
- ✓ Ice Cream

Uses

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

Appearance

- ✓ Clear/Transparent

Processing Method

- ✓ Outer Web Adhesive Lamination
- ✓ Outer Web Extrusion Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing

Revision date

- ✓ October 10, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	54.9	m ² /kg	Internal Method
Unit Weight	18.2	g/m ²	Internal Method
Film Thickness	20	μ	Internal Method
Haze	1.8	%	Internal Method
Gloss(45°)	85		Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	140	Mpa	Internal Method
TD	290	Mpa	Internal Method
Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	205	%	Internal Method
TD	55	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-5.0	%	Internal Method
Elastic Modulus			
MD	2000	Mpa	Internal Method
TD	3500	Mpa	Internal Method
Seal Strength (ESM) 110°C, 0.1 Mpa, 0.75 sec			
	300	g/2.5 cm	Internal Method
Heat Seal Range Untreated Surface			
	30	°C	Internal Method
Coefficient of Friction Untreated Surface			
	0.30		Internal Method
Water Vapor Transmission Rate 38°C, 90% RH			
	7.0	g/m ² /24 hr	Internal Method
	1.4	g/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.

Processing Statement

- Standard reel winding: Treated side outside

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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