

Bicor™ 30MB400

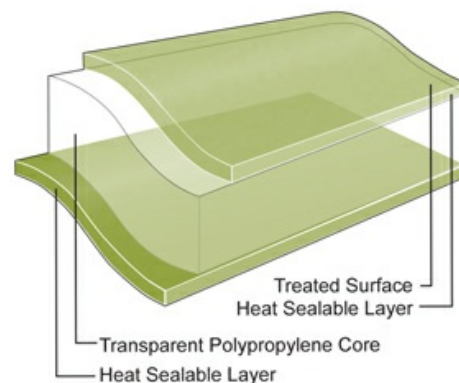
Oriented Polypropylene Film

Product Description

Bicor 30MB400 is an heat sealable coextruded biaxially oriented polypropylene film that can be used on a wide range of packaging machines. 30MB400 can be either used as mono material or in laminated structures.

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
- ✓ Confectionery, Sugar
- ✓ Confectionery, Chocolate
- ✓ Household and Detergents
- ✓ Paper Ream wrap
- ✓ Box Overwrap
- ✓ Bakery
- ✓ Frozen Food
- ✓ Crisps and Snacks
- ✓ Ice Cream
- ✓ Confectionery, Gum
- ✓ Fresh Produce
- ✓ Health and Beauty Care
- ✓ Pet Food

Uses

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

Appearance

- ✓ Clear/Transparent

Processing Method

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

Revision date

- ✓ October 10, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	36.6	m ² /kg	Internal Method
Unit Weight	27.3	g/m ²	Internal Method
Film Thickness	30	μ	Internal Method
Haze	2.0	%	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) <i>Untreated Surface</i>			
110°C, 0.1 Mpa, 0.75 sec	300	g/2.5 cm	Internal Method
Heat Seal Range 0.250 Mpa, 0.2 sec			
	30	°C	Internal Method
Coefficient of Friction			
Both Sides	0.30		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	4.5	g/m ² /24 hr	Internal Method
23°C, 85% RH	1.0	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: Available 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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