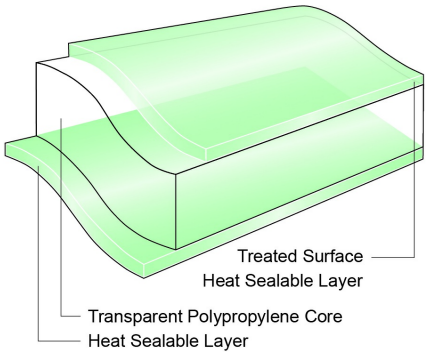
Bicor™ 25MB400

Oriented Polypropylene Film

Product Description



Bicor™ MB400 is a heat sealable coextruded biaxially oriented polypropylene film that can be used on a wide range of packaging machines. MB400 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
- Box Overwrap
- Confectionery, Gum
- Confectionery, Sugar
- Bakery
- Fresh Produce
- Confectionery, Chocolate
- Frozen Food
- Health and Beauty Care
- Household and Detergents
- Crisps and Snacks
- Pet Food
- Ice Cream

Uses

- 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
- Outer Web Extrusion Lamination

Properties & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	30900	in²/lb	Internal Method
Unit Weight	14.0	lb/ream	Internal Method
Film Thickness	0.98	mil	Internal Method
Gloss (45°)	85	Gloss Unit	Internal Method
Haze	1.8	%	Internal Method
Tensile Strength at Break			
7.9 in/min pull rate, 4.9 in jaw separation			
MD	20300	psi	Internal Method
TD	42100	psi	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-5.0	%	Internal Method
Elongation at Break			
7.9 in/min pull rate, 4.9 in jaw separation			
MD	205	%	Internal Method
TD	55	%	Internal Method
Elastic Modulus			
MD	290000	psi	Internal Method
TD	508000	psi	Internal Method
Minimum Sealing Temperature (Min 300g/25mm)			
Untreated			
25N/cm2 - 0,5 sec - Flat/Flat	110	°F	Internal Method
Heat Seal Range (RDM)			
RDM - 25N/cm² - 0.5 sec - Flat/Flat			
Untreated Surface	104	°F	Internal Method
Treated - RDM - 25N/cm² - 0.5 sec - Flat/Flat			
	95	°F	Internal Method
Coefficient of Friction			
Both Sides	0.30		Internal Method
Water Vapor Transmission Rate			
100°F, 90% RH	0.32	g/100 in²/24 hr	Internal Method
73°F, 85% RH	0.071	g/100 in²/24 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: https://www.jindalfilms.com/login-register-docmg/

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

Refreshing the surface with corona treatment of the processable side before usage is recommended. Contact your Jindal Films Technical Service Representative for processing recommendations and guidelines.

Footnotes

- Please contact your Sales Representative for complete country availability

Revision date

- March 15, 2024

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