

Bicor™ 14MB440

Oriented Polypropylene Film

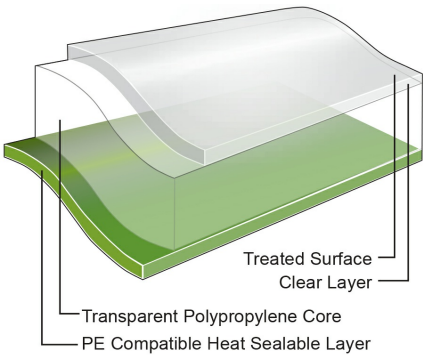


Product Description

Bicor 14MB440 is a biaxially oriented transparent polypropylene film designed to be the outside web of a lamination.

Key Features

- Very good sealability (untreated surface) with a wide range of polyethylene, allowing for lap seal applications
- Excellent jaw release
- Outstanding optical properties



General

Availability

- ✓ Latin America
- ✓ North America
- ✓ South America

Features

- ✓ In Lamination Lap Sealable
- ✓ Lap Sealable to PE

Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Bakery
- ✓ Fresh Produce
- ✓ Frozen Food
- ✓ Health and Beauty Care
- ✓ Household and Detergents
- ✓ Pet Food
- ✓ Ice Cream

Uses

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

Appearance

- ✓ Clear/Transparent

Processing Method

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

Properties

Property	Typical Value	Unit	Test Based On
Yield	78.9	m ² /kg	Internal Method
Unit Weight	12.7	g/m ²	Internal Method
Film Thickness	13.8	µm	Internal Method
Haze	1.2	%	Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	125	Mpa	Internal Method
TD	228	Mpa	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-5.0	%	Internal Method
Elongation at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	145	%	Internal Method
TD	60	%	Internal Method
Crimp Seal Strength			
Untreated/LLDPE			
138°C, 0.4 MPa, 2.0 sec	2,850	g/2.5 cm	Internal Method
Crimp Seal (MST)			
0.41 MPa, 2.0 sec to achieve 200g/2.5cm seal			
Untreated Surface	121	°C	Internal Method
Coefficient of Friction			
Untreated Surface	0.4		Internal Method
Wetting Tension			
Treated Surface	0.80	receding cos θ	Internal Method

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

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 applicaitons and should not be used in any such application.

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.

Revision date

- March 26, 2020

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