

Bicor™ 18 MAT

Oriented Polypropylene Film

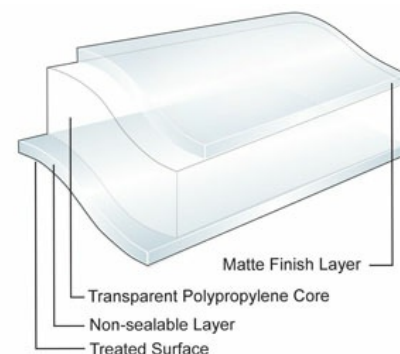
Jindal
Films

Product Description

Bicor MAT is a one-side matte finish, one-side treated, non-heat sealable OPP film designed for use as the outer web of a lamination. MAT is also an excellent matte finish slip film for heat seal laminations. The paper-like appearance of MAT provides a differentiated shelf appeal, with a satiny appearance when reverse printed.

Key Features

- Excellent ink adhesion on the treated surface
- Non-migratory slip system for consistent COF
- Very uniform, low-gloss surface



General

Availability

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

Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Bakery
- ✓ Fresh Produce
- ✓ Confectionery, Chocolate
- ✓ Dairy Products
- ✓ Crisps and Snacks

Uses

- ✓ HFFS Flexible Packaging
- ✓ VFFS Flexible Packaging

Appearance

- ✓ Clear/Transparent

Processing Method

- ✓ Cold Seal Adhesive
- ✓ Outer Web Adhesive Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Water-based Flexographic Printing
- ✓ Outer Web Extrusion Lamination

Properties & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	62.6	m ² /kg	Internal Method
Unit Weight	15.9	g/m ²	Internal Method
Film Thickness	18	µm	Internal Method
Haze	72	%	Internal Method
Gloss (45°)			
Matte Surface	8		Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	110	Mpa	Internal Method
TD	207	Mpa	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-3.0	%	Internal Method
Coefficient of Friction			
Matte/Matte	0.35		Internal Method
Wettability			
Treated Surface	0.82	receding cos θ	Internal Method
Water Vapor Transmission Rate			
38°C, 100% RH	7.9	g/m ² /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

- 18 MAT provides excellent adhesion on the treated side for printing and laminating without having to retreat or prime. Retreating may cause back-side treatment, which can affect COF characteristics.
- The matte surface is not treated and is not suitable for printing.

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.

Revision date

- October 10, 2013

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