

Oriented Polypropylene Film

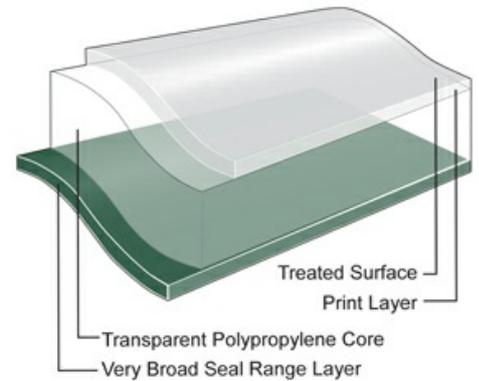
Product Description

Bicor 25ICT is a one-side sealable, very broad seal range coextruded BOPP. This film is designed for use in unsupported plain or surface printed high-speed horizontal applications. The enhanced print layer, suitable for use with coex or coated ink systems, offers constant and consistent slip properties.

100°C/100°C

Key Features

- Superior printing efficiency on the printable layer
- Consistent and stable slip
- Excellent hot slip
- Very broad sealing range
- Excellent hot tack
- Excellent optical properties



General

Availability

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

Features

- ✓ Very Broad Seal Range

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

Appearance

- ✓ Clear/Transparent

Processing Method

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

Revision date

- ✓ July 28, 2014

Properties

Property	Typical Value	Unit	Test Based On
Yield	45.0	m ² /kg	Internal Method
Unit Weight	22.2	g/m ²	Internal Method
Film Thickness	25	μ	Internal Method
Gloss(45°)	85		Internal Method
Haze	1.3	%	Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	145	Mpa	Internal Method
TD	270	Mpa	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-6.0	%	Internal Method
TD	-5.5	%	Internal Method
Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	175	%	Internal Method
TD	65	%	Internal Method
Elastic Modulus			
MD	2000	Mpa	Internal Method
TD	3800	Mpa	Internal Method
Seal Strength (ESM) <i>100 degrees C, 0.103MPa, 0.75 sec, VBSR/VBSR</i>			
Untreated/Untreated	300	g/2.5 cm	Internal Method
Coefficient of Friction			
Treated/Treated	0.28		Internal Method
Untreated/Untreated	0.40		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	5.0	g/m ² /24 hr	Internal Method
23°C, 85% RH	1.1	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.

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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