

Bicor™ 80MC550



Preliminary

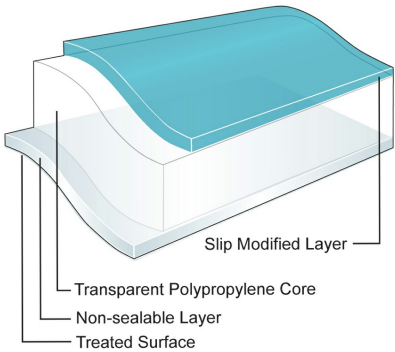
Oriented Polypropylene Film

Product Description

Bicor 80MC550 is a one-side treated OPP film designed for use as the inner layer of a multi-wall bag.

Key Features

- Excellent ink adhesion
- Stable COF
- Excellent bond strength in adhesive and extrusion laminations



General

Availability

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

Features

- ✓ Grease Resistant

Applications

- ✓ Pet Food

Uses

- ✓ VFFS Flexible Packaging

Appearance

- ✓ Clear/Transparent

Processing Method

- ✓ Inner Web Adhesive Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Water-based Flexographic Printing
- ✓ Middle Web Adhesive Lamination

Properties

Property	Typical Value	Unit	Test Based On
Yield	55	m ² /kg	Internal Method
Film Thickness	20	µm	Internal Method
Gloss			
Untreated Surface	88		Internal Method
Haze	1.2	%	Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	117	Mpa	Internal Method
TD	231	Mpa	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-4.0	%	Internal Method
Crimp Seal Strength			
Treated/Treated	350	g/2.5 cm	Internal Method
Untreated/Untreated	350	g/2.5 cm	Internal Method
Coefficient of Friction			
Slip Modified/Slip Modified	0.35		Internal Method
Wetting Tension			
Treated Surface	0.80	receding cos θ	Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	.03	g/m ² /24 hr	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 applications and should not be used in any such applications.

Processing Statement

- 80MC provides excellent printing and lamination performance without having to retreat or prime. Retreating may cause back-side treatment.

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

- July 07, 2015

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