

Bicor™ 120 XRG-2

Oriented Polypropylene Film

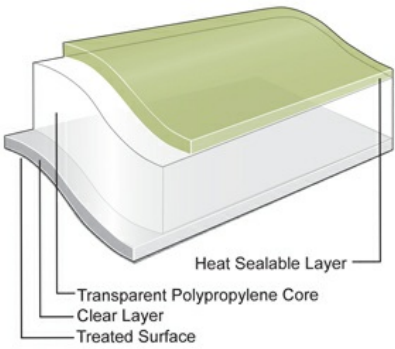


Product Description

Bicor 120 XRG-2 is a one-side treated, one-side sealable OPP film that can be used as the inside web of a lamination where exceptional seal performance is required. The high-energy surface is intended as the print and laminating side.

Key Features

- Low MST, very broad seal range with excellent hot tack.
- High-energy surface for excellent ink adhesion and bond strengths in adhesive and extrusion laminations.
- Lap seals to coex sealants without thermal stripe.



General

Availability

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

Features

- ✓ In Lamination Lap Sealable
- ✓ Very Broad Seal Range

Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Bakery
- ✓ Frozen Food
- ✓ Crisps and Snacks
- ✓ Ice Cream

Uses

- ✓ HFFS Flexible Packaging
- ✓ VFFS Flexible Packaging

Appearance

- ✓ Clear/Transparent

Processing Method

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

Properties

Property	Typical Value	Unit	Test Based On
Yield	36.1	m ² /kg	Internal Method
Unit Weight	27.5	g/m ²	Internal Method
Film Thickness	30	µm	Internal Method
Haze	3.2	%	Internal Method
Gloss	82	Gloss Unit	Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	131	Mpa	Internal Method
TD	283	Mpa	Internal Method
Elongation at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	182	%	Internal Method
TD	46	%	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-3.0	%	Internal Method
Crimp Seal Strength			
Treated/Treated			
116°C, 0.1 MPa, 0.75 sec	450	g/2.5 cm	Internal Method
Untreated/Untreated			
116°C, 0.1 MPa, 0.75 sec	450	g/2.5 cm	Internal Method
Crimp Seal (MST)			
Untreated/Untreated	89	°C	Internal Method
Coefficient of Friction			
Untreated/Untreated	0.40		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 applications and should not be used in any such applications.

Processing Statement

- An overlacquer is required for successful surface 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.

Revision date

- October 10, 2013

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