

Bicor™ 70 HBS-2

Oriented Polypropylene Film

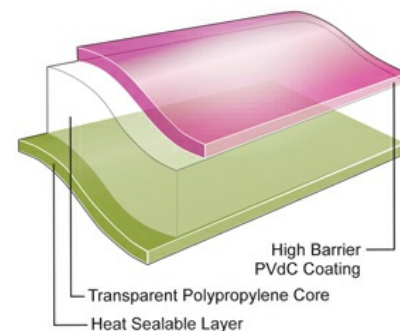
Jindal
Films

Product Description

Bicor HBS-2 is a one-side sealable, one-side high barrier PVdC-coated OPP film designed for use as the inside sealant web in high-barrier laminations.

Key Features

- Excellent moisture and oxygen barriers
- Excellent flavor and aroma barrier
- Excellent sealability, hot tack, and seal range
- Lap sealable to a coex outer web



General

Availability

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

Features

- ✓ Flavor & Aroma Barrier
- ✓ In Lamination Lap Sealable
- ✓ Gas Barrier
- ✓ Moisture Barrier
- ✓ Oxygen Barrier
- ✓ PVdC Coated
- ✓ High Barrier PVdC Coated

Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Confectionery, Sugar
- ✓ Bakery
- ✓ Crisps and Snacks

Uses

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

Appearance

- ✓ Clear/Transparent

Processing Method

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

Properties

Property	Typical Value	Unit	Test Based On
Yield	56.2	m ² /kg	Internal Method
Unit Weight	17.7	g/m ²	Internal Method
Film Thickness	18	µm	Internal Method
Haze	1.8	%	Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	114	Mpa	Internal Method
TD	207	Mpa	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-4.5	%	Internal Method
TD	-4.0	%	Internal Method
Crimp Seal Strength			
110°C, 0.1 Mpa, 0.75 sec			
	420	g/2.5 cm	Internal Method
Crimp Seal (MST)	91	°C	Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH			
	2.5	g/m ² /24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH			
	4.7	cm ³ /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

- HBS-2 can be lap sealed to sealable coex OPP.
- In PE laminations, Jindal Films recommends retreating, priming, or an EMA/PE extrusion blend for improved bonds.
- HBS-2 can be used in HFFS and VFFS 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.
3. Sample dimensions and conditioning vary due to differences in equipment design.

Revision date

- October 10, 2013

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