

Bicor™ 70 HBS-2

Oriented Polypropylene Film

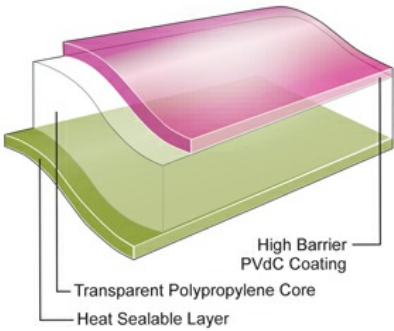


Product Description

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 & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	39500	in ² /lb	Internal Method
Unit Weight	10.9	lb/ream	Internal Method
Film Thickness	0.70	mil	Internal Method
Haze	1.8	%	Internal Method
Tensile Strength at Break <i>20 in/min pull rate, 2.0 in jaw separation</i>			
MD	16500	psi	Internal Method
TD	30000	psi	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.5	%	Internal Method
TD	-4.0	%	Internal Method
Crimp Seal Strength 230°F, 20 psi, 0.75 sec			
	430	g/in	Internal Method
Crimp Seal (MST)	195	°F	Internal Method
Water Vapor Transmission Rate 100°F, 90% RH			
	0.16	g/100 in ² /24 hr	Internal Method
Oxygen Transmission Rate 73°F, 0% RH			
	0.30	cm ³ /100 in 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

- 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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