

Bicor™ HBS-2 - Oriented Polypropylene Film



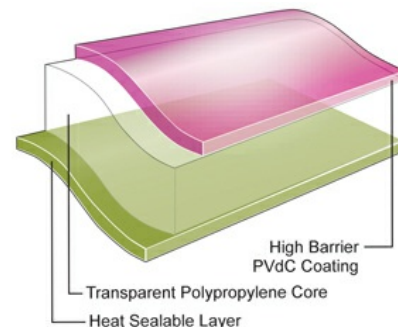
PRODUCT DATA SHEET

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



Properties & Typical Values

Properties	Unit	70 HBS-2	Test Method
Yield	m ² /kg	56.2	ITM 01
Unit Weight	g/m ²	17.7	ITM 01
Film Thickness	μm	18	ITM 02
Haze	%	1.8	ITM 06
Tensile Strength at Break - MD TD 510 mm/min pull rate, 50 mm jaw separation	Mpa	114 207	ITM 50
Dimensional Stability 135°C / 275°F, 7 min - MD TD	%	-4.5 -4.0	ITM 37
Seal Strength (RDM) - 110°C, 0.1 Mpa, 0.75 sec	g/2.5 cm	420	ITM26
Crimp Seal (MST)	°C	91	
Water Vapor Transmission Rate - 38°C, 90% RH	g/m ² /24 hr	2.5	ITM 46
Oxygen Transmission Rate - 23°C, 0% RH	cm ³ /m ² /24 hr	4.7	ITM 42

TYPICAL VALUES SHOULD NOT BE CONSTRUED AS FINISHED PRODUCT SPECIFICATIONS (FPS).

Market Segments

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

Applications

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

Processing Method

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

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: <http://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.

Storage

You will find all information about storage conditions into the sign in area of our website <http://www.jindalfilms.com/login-register-docmg/> , under the section "Information on food safety and quality practices". The name of the document is "Storage recommendations".

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.

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