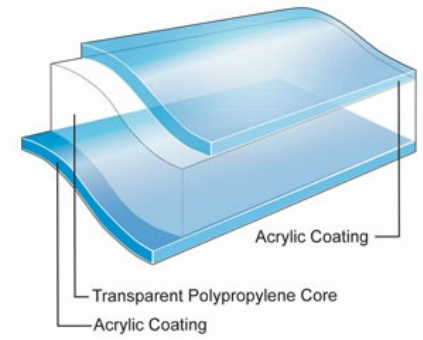
Bicor™ AB - Oriented Polypropylene Film

PRODUCT DATA SHEET



Product Description

Bicor AB is a two-side acrylic coated, sealable OPP film designed for general use in overwrap and horizontal packaging. This film is suitable as an unsupported web or in a lamination. It can be surface printed, reverse printed, or used unprinted.

Key Features

- Outstanding optical properties
- Robust machinability
- Low and consistent COF
- Excellent hot slip
- Excellent stiffness
- Excellent flavor and aroma barrier
- Printable on both sides

Properties & Typical Values

Properties	Unit	220AB	310AB	380AB	Test Method
Yield	m²/kg	32.0	44.1	54.0	ITM 01
Unit Weight	g/m²	31.2	22.6	18.6	ITM 01
Film Thickness	µm	34	25	20	ITM 02
Gloss (45°)	Gloss Units	87	87	90	ITM 14
Haze	%	1.9	1.7	1.6	ITM 06
Tensile Strength at Break - MD|TD 510 mm/min pull rate, 50 mm jaw separation	Mpa	138|238	137|236	138|228	ITM 50
Dimensional Stability 135°C / 275°F, 7 min - MD|TD	%	-4.5|-3.5	-4.5|-3.5	-4.5|-4.0	ITM 37
Seal Strength (RDM) - 127°C, 0.1 Mpa, 0.75 sec	g/2.5 cm	590	550	530	ITM26
Crimp Seal (MST)	°C	85	96	85	
Coefficient of Friction - Acrylic/Acrylic		0.22	0.24	0.25	ITM 20
Water Vapor Transmission Rate - 38°C, 90% RH	g/m²/24 hr	4.0	5.7	7.3	ITM 46

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

Market Segments

- ✔ Biscuits/Cookie/Crackers
- ✔ Box Overwrap
- ✔ Tobacco

Applications

- ✔ Box Overwrap Flexible Packaging
- ✔ HFFS Flexible Packaging
- ✔ Pre-made Bags - Flexible Packaging
- ✔ Tobacco Overwrap Flexible Packaging

Processing Method

- ✔ Cold Seal Adhesive
- ✔ Inner Web Adhesive Lamination
- ✔ Outer Web Adhesive Lamination
- ✔ Solvent Flexographic Printing
- ✔ Solvent Rotogravure Printing
- ✔ Surface Print Unsupported
- ✔ Water-based Flexographic Printing

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

- HS is lap sealable to other acrylic-coated and sealable PVdC-coated films.
- HS is not recommended as the sealant webs on VFFS machines because of poor hot tack.
- Acrylic coating and its properties can be affected by extreme humidity and water condensation. Thorough testing is recommended when considering acrylic-coated films in refrigerated or frozen applications.
- Acrylic coating must be primed if used in extrusion lamination.
- Acrylicrylic is an excellent surface for water-based or solvent-based inks, adhesives, and code-dating (cold wet or hot stamp) without treatment.
- To avoid blocking, ghosting, high residual solvents, or decreased sealability, converters should eliminate the use of slow solvents (cellosolve, glycol ethers, MIBK, butanol, etc) when printing on acrylic surfaces. The use of esters should be minimized.

Storage

You will find all information about storage conditions into the sign in area of our websitehttp://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 identfied Availability regions. Please contact your Sales Representative for complete country availability.
2. Dimensional stability is reported for uncoated base film.
3. Tested at 38°C (100°F)/100%RH, then calculated to 90%RH with .90 multiplier.

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