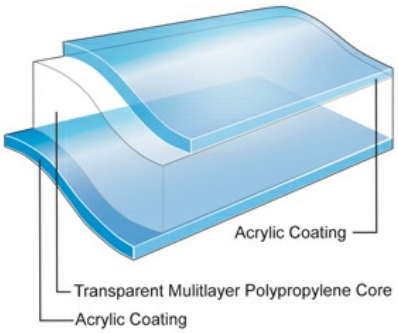
Bicor™ 100ABX

Oriented Polypropylene Film

Product Description

Bicor AB-X is a two-side acrylic coated, sealable OPP film designed for general use in many applications, including overwrap, horizontal, and vertical 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 flavor and aroma barrier
- Excellent hot tack and seal strength
- Printable on both sides

General

Availability

- Latin America
- North America
- South America

Features

- Acrylic Coated
- Flavor & Aroma Barrier
- In Lamination Lap Sealable

Applications

- Biscuits/Cookie/Crackers
- Box Overwrap
- Confectionery, Gum
- Confectionery, Sugar
- Tobacco

Uses

- Box Overwrap Flexible Packaging
- HFFS Flexible Packaging
- Tobacco Overwrap Flexible Packaging
- VFFS Flexible Packaging

Appearance

- Clear/Transparent

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

Properties & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	31000	in²/lb	Internal Method
Unit Weight	13.9	lb/ream	Internal Method
Film Thickness	1.0	mil	Internal Method
Gloss (45°)	87	Gloss Unit	Internal Method
Haze	1.7	%	Internal Method
Tensile Strength at Break			
MD	19900	psi	Internal Method
TD	34200	psi	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.5	%	Internal Method
TD	-4.0	%	Internal Method
Crimp Seal Strength			
260°F, 20 psi, 0.75 sec	560	g/in	Internal Method
Crimp Seal (MST)	205	°F	Internal Method
Coefficient of Friction	0.24		Internal Method
Water Vapor Transmission Rate			
100°F, 90% RH	0.37	g/100 in²/24 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

- AB-X is lap sealable to other acrylic-coated and sealable PVdC-coated films.
- 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.
- Acrylic 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.

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.

Revision date

- July 20, 2022

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