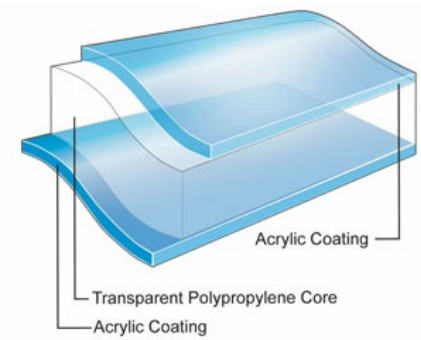
Bicor™ 220AB

Oriented Polypropylene Film

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

General

Availability

- Latin America
- North America
- South America

Features

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

Applications

- Biscuits/Cookie/Crackers
- Box Overwrap
- Tobacco

Uses

- Box Overwrap Flexible Packaging
- HFFS Flexible Packaging
- Pre-made Bags - Flexible Packaging
- Tobacco Overwrap 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	32.0	m²/kg	Internal Method
Unit Weight	31.2	g/m²	Internal Method
Film Thickness	34	µm	Internal Method
Gloss (45°)	87	Gloss Unit	Internal Method
Haze	1.9	%	Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	138	Mpa	Internal Method
TD	238	Mpa	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.5	%	Internal Method
TD	-3.5	%	Internal Method
Crimp Seal Strength			
127°C, 0.1 Mpa, 0.75 sec	590	g/2.5 cm	Internal Method
Crimp Seal (MST)	85	°C	Internal Method
Coefficient of Friction			
Acrylic/Acrylic	0.22		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	4.0	g/m²/24 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

- 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.

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

- April 21, 2020

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