

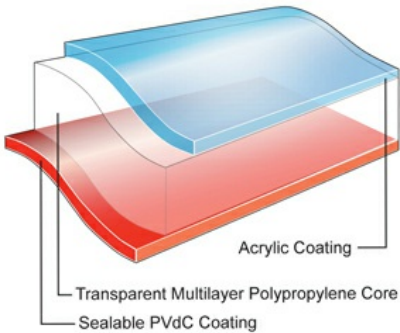
Bicor™ 170 ASB-X

Oriented Polypropylene Film



Product Description

Bicor ASB-X is a two-side coated, sealable OPP film designed for broad 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 flavor and aroma barrier
- Excellent heat seal strength and hot tack
- Very good moisture barrier
- Good oxygen barrier

General

Availability

✓ Latin America	✓ North America	✓ South America
-----------------	-----------------	-----------------

Features

✓ Acrylic Coated	✓ Flavor & Aroma Barrier	✓ In Lamination Lap Sealable
✓ Gas Barrier	✓ Moisture Barrier	✓ Oxygen Barrier
✓ PVdC Coated	✓ Sealable PVdC Coated	

Applications

✓ Biscuits/Cookie/Crackers	✓ Box Overwrap	✓ Confectionery, Sugar
----------------------------	----------------	------------------------

Uses

✓ Box Overwrap Flexible Packaging	✓ HFFS Flexible Packaging	✓ Pre-made Bags - 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

Property	Typical Value	Unit	Test Based On
Yield	24.9	m ² /kg	Internal Method
Unit Weight	40.2	g/m ²	Internal Method
Film Thickness	43	µm	Internal Method
Gloss	98	Gloss Unit	Internal Method
Haze	1.4	%	Internal Method
Tensile Strength at Break <i>510 mm/min pull rate, 50 mm jaw separation</i>			
MD	103	Mpa	Internal Method
TD	215	Mpa	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.5	%	Internal Method
TD	-4.0	%	Internal Method
Crimp Seal Strength <i>PVdC/PVdC</i> 127°C, 0.1 Mpa, 0.75 sec			
	640	g/2.5 cm	Internal Method
Crimp Seal (MST) PVdC/PVdC			
	88	°C	Internal Method
Coefficient of Friction Acrylic/Acrylic			
	0.24		Internal Method
Water Vapor Transmission Rate 38°C, 90% RH			
	3.3	g/m ² /24 hr	Internal Method
Oxygen Transmission Rate 23°C, 0% RH			
	70	cm ³ /m ² /24 hr	Internal Method

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

Contact your Jindal Films Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB). This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

- ASB-X is lap sealable to itself.
- 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 identified 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.
4. Sample dimensions and conditioning vary due to differences in equipment design.

Revision date

- July 16, 2014