

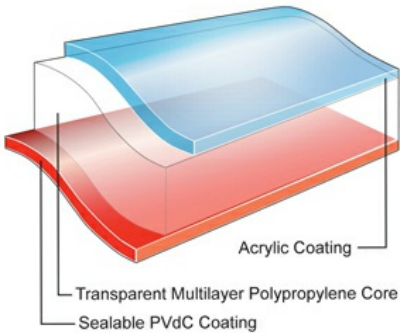
# Bicor™ 170ASBX

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

### Applications

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

### Uses

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

### Appearance

- ✓ Clear/Transparent

### Processing Method

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

## Properties & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	24.9	m <sup>2</sup> /kg	Internal Method
Unit Weight	40.2	g/m <sup>2</sup>	Internal Method
Film Thickness	43	µm	Internal Method
Gloss (45°)	98	Gloss Unit	Internal Method
Haze	1.4	%	Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
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			
PVdC/PVdC			
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 <sup>2</sup> /24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH			
	70	cm <sup>3</sup> /m <sup>2</sup> /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

- 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 20, 2022

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