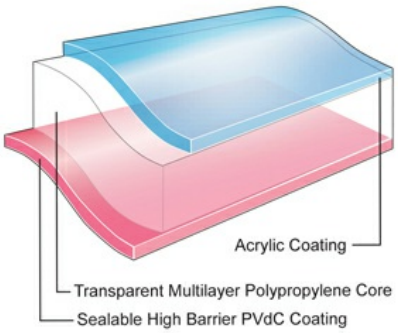
Bicor™ 110 AXT

Oriented Polypropylene Film

Product Description

Bicor AXT is a two-side coated, sealable OPP film, delivering an advanced level of moisture and oxygen barrier protection. This film is designed for use in unsupported and surface printed horizontal or vertical packaging applications. With a converter-applied hermetic sealant, AXT is an excellent outer web for gas flush vertical packs or pouches of shredded or grated natural cheese, replacing films like PVdC coated cellophane, PET and Nylon. AXT is lap-sealable to itself.



Key Features

- Robust machinability
- Low and consistent COF
- Outstanding optical properties
- Excellent barrier performance
- Outstanding flavor and aroma barrier
- Excellent oxygen barrier
- Excellent moisture 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
- High Barrier PVdC Coated
- High Barrier Printable PVdC Coated
- Sealable High Barrier PVdC Coated

Applications

- Biscuits/Cookie/Crackers
- Box Overwrap
- Confectionery, Gum
- Confectionery, Sugar
- Bakery
- Pet Food

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
- Outer Web Extrusion Lamination

Properties & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	39.0	m^2/kg	Internal Method
Unit Weight	25.6	g/m^2	Internal Method
Film Thickness	28	µm	Internal Method
Gloss (45°)			
Acrylic Surface	103		Internal Method
Haze	1.5	%	Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	117	Mpa	Internal Method
TD	228	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	610	g/2.5 cm	Internal Method
Crimp Seal (MST)			
PVdC/PVdC	103	°C	Internal Method
Coefficient of Friction			
Acrylic/Acrylic	0.28		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	2.0	$g/m^2/24$ hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	4.7	$cm^3/m^2/24$ 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

- 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.
- With PVdC coating, priming or treating is recommended for stronger extrusion bonds.
- 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.
4. Sample dimensions and conditioning vary due to differences in equipment design.

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- July 14, 2016

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