

Bicor™ AXT films offer an outstanding combination of oxygen and moisture barrier

Bicor™ AXT clear, biaxially oriented polypropylene (OPP) films from Jindal Films feature a high barrier sealable polyvinylidene chloride (PVdC) coating on one side, and acrylic on the reverse, to provide a balance of high barrier, sealing, packaging and printing performance.

The high gloss acrylic coating delivers consistent machinability and flavor and aroma barrier (FAB). The high barrier sealable PVdC coating provides excellent moisture and oxygen barrier for modified atmosphere packaging (MAP) and non-MAP flexible packaging applications including:

- regular and sugar-free gum
- corn and tortilla chip snacks
- dry fruits and nuts
- good-for-you and healthy choice products
- biscuits and baked goods
- other clear, overwrap (OW), vertical and horizontal form fill and seal (VFFS and HFFS) applications needing FAB, oxygen and moisture barrier

Bicor AXT films can be used as an unsupported monoweb for OW, VFFS and HFFS applications. When reverse printed and laminated to a hermetic sealant film, Bicor AXT provides a high oxygen and moisture barrier for sensitive foods. This film is ideal for MAP applications where the package is flushed with gases such as nitrogen or carbon dioxide, for prolonged shelf-life.



Benefits

- **excellent oxygen barrier properties for MAP applications**
- **outstanding combination of oxygen and moisture barrier**
- **flavor and aroma barrier keeps products tasting and smelling fresh**
- **solvent-free, water-based coating technology**
- **sealable PVdC coating is resistant to fats and oils from food products**
- **high clarity and gloss for product promotion and shelf-appeal**



Protection

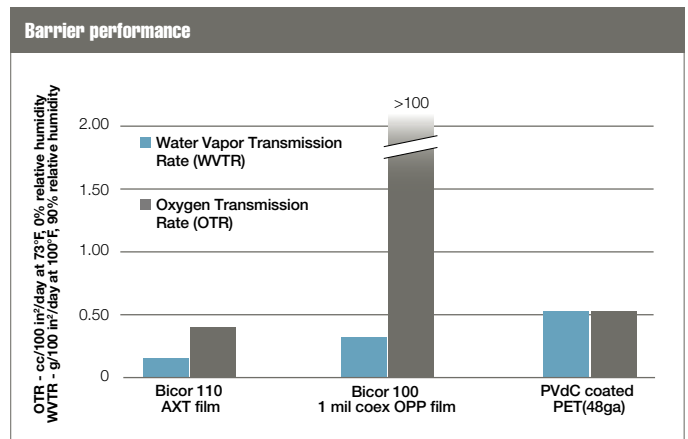
- the low oxygen transmission rate makes it an ideal choice for MAP applications
- acrylic and high barrier PVdC coatings provide FAB to keep products tasting and smelling fresh, and prevent unwanted external odor or pack-to-pack contamination
- the high barrier sealable PVdC coating provides significantly improved moisture and oxygen barrier compared with standard PVdC

Promotion

- high clarity and stiffness provide brand visibility on the store shelf
- can be used unsupported or reverse printed in lamination to protect and enhance package graphics

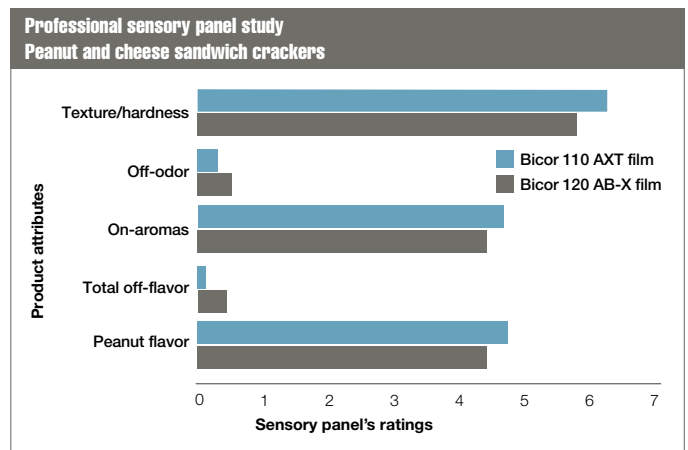
Performance

- acrylic and high barrier sealable PVdC coatings provide stable surfaces and sealing properties for OW, VFFS and HFFS machine performances
- PVdC is resistant to fats and prevents swelling of the OPP matrix for product applications with higher fat content (e.g., baked goods) or from aggressive offset inks from paperboard in overwrap applications



Jindal Films data

The enhanced barrier of Bicolor™ 110 AXT film resulted in superior aroma, flavor and texture ratings at high humidity conditions. This study was conducted for 8 weeks at 85°F, 80% relative humidity.



Jindal Films data

Count on Jindal Films

The Films Business of Jindal Films is a leading global OPP film supplier with the broadest range of aqueous coated film solutions for the flexible packaging market. If you're looking to develop innovative flexible packaging solutions, try Bicolor films from Jindal Films.

Contact your Jindal Films representative for more information

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