

Bicor™ 70 HBS-2 film provides outstanding product protection

Jindal

Films

Bicor™ 70 HBS-2 clear, biaxially oriented polypropylene (OPP) film from Jindal Films features a high barrier polyvinylidene chloride (PVdC) coating on one side, and a broad seal range coex sealant on the other, to provide an outstanding combination of moisture and oxygen barrier when used as the inner web of laminations.

The high barrier PVdC coating on one side, and a broad seal range coex sealant on the reverse, provide excellent protection for sensitive product applications including:

- corn and tortilla chip snacks
- dry fruits and nuts
- good-for-you and healthy choice products
- biscuits and baked goods
- chocolate and sugar confectionery
- other laminations needing extra flavor and aroma barrier, oxygen and moisture barrier

Typically, the non-sealable high barrier PVdC coated side of Bicor 70 HBS-2 film is concealed in a lamination to a coex OPP outer print web.



Benefits

- outstanding combination of oxygen and moisture barrier
- flavor and aroma barrier keeps products tasting and smelling fresh
- resists barrier degradation through the packaging process
- high yield, cost-effective high barrier solution
- solvent-free, water-based coating technology
- excellent sealability, hot tack and seal range when used as the inner web of a lamination with fin seals, or with a lap seal to a coex OPP outer web



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Americas portfolio

Protection

- the high barrier PVdC coating provides flavor and aroma barrier to keep products tasting and smelling fresh, and prevents unwanted external odor or pack-to-pack contamination
- the high barrier PVdC coating provides a significantly improved moisture and oxygen barrier compared with standard PVdC
- resists barrier degradation through the packaging process

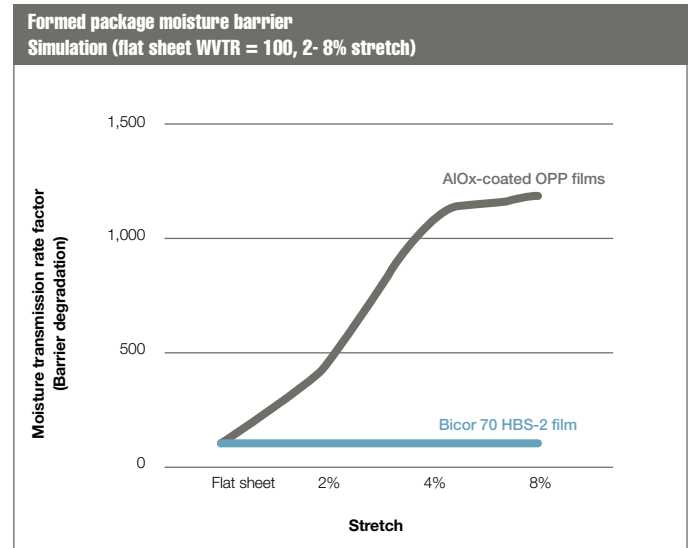
Promotion

- lamination protects and enhances package graphics

Performance

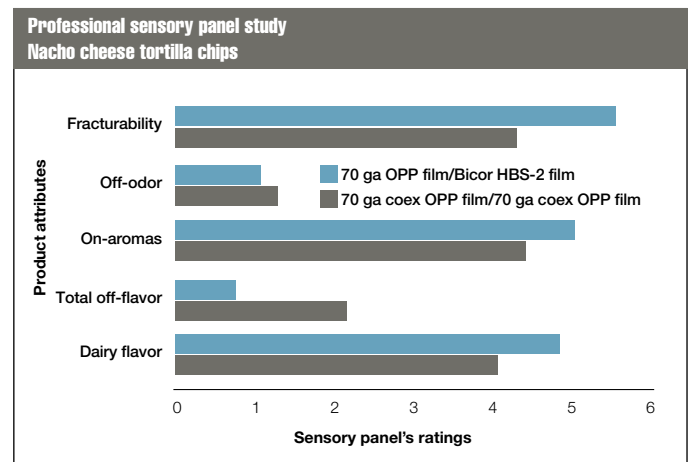
- the broad seal range coex sealant can be used in fin seal applications, or in a lap seal to a sealable outer web coex OPP
- in lamination, Bicolor 70 HBS-2 film can be used in overwrap (OW), vertical and horizontal form fill and seal (VFFS and HFFS) applications

This test is used to predict the barrier performance of a substrate after it has been exposed to stresses of a packaging machine. Bicolor™ 70 HBS-2 film provides a consistently low moisture transmission rate. The AIOx-coated OPP films experienced immediate barrier loss.



Jindal Films data

The Bicolor 70 HBS-2 film lamination provided better product protection than the standard OPP lamination: it had higher intensity of on-aromas/flavors, lower off-flavors/odors, and was much closer to the original texture. This study was conducted for 9 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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