

## **Bicor™ 84 AOH film** delivers ultra-high gas barriers for transparent MAP applications

Bicor™ 84 AOH clear, biaxially oriented polypropylene (OPP) film from Jindal Films delivers an outstanding gas barrier for modified atmosphere packaging (MAP) applications.

Featuring a polyvinyl alcohol (PVOH) coating on one side and an acrylic coating on the reverse, Bicor 84 AOH film delivers excellent performance for dry product applications requiring MAP, including:

- dry fruits and nuts
- sensitive cereals
- pet foods and treats
- sensitive snacks
- roasted coffees
- and many other oxygen sensitive products

Typically, the PVOH coating is reverse printed and laminated to a hermetic sealant film to provide ultra-high oxygen protection for sensitive dry foods. For MAP applications, the pack is flushed with gases, such as nitrogen or carbon dioxide, for prolonged shelf life.



### **Benefits**

- **ultra-high gas barrier for MAP applications**
- **flavor and aroma barrier keeps products tasting and smelling fresh**
- **non-halogenated (chlorine-free), clear barrier film using solvent-free, water-based coatings**
- **high clarity and gloss for product promotion and shelf-appeal**
- **excellent print-receptivity due to high surface tension PVOH coating**



## Protection

- the ultra-high gas barrier makes it ideal for MAP applications, providing a superior alternative to halogenated (chlorine-based) polymers
- acrylic and PVOH coatings provide flavor and aroma barrier to keep products tasting and smelling fresh, and prevent unwanted external odor or pack-to-pack contamination

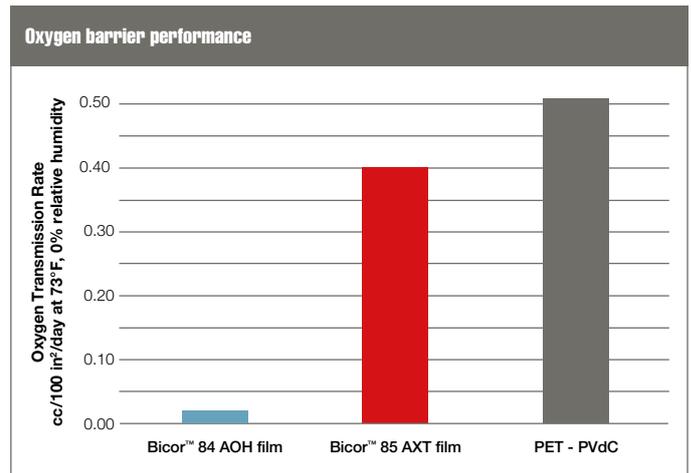
## Promotion

- high clarity and stiffness provide brand visibility on the store shelf
- use reverse printed in lamination to protect, and enhance package graphics
- it can lap seal to other acrylic coated films and can seal side gussets for stand-up packaging

## Performance

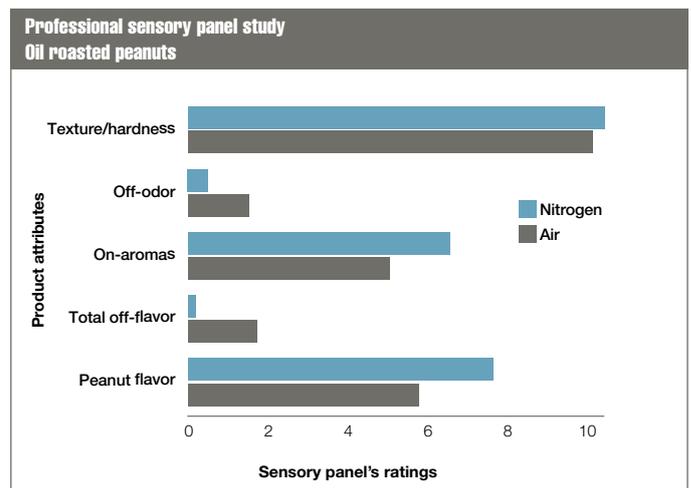
- the outside acrylic surface provides stable slip characteristics for reliable machinability
- replaces polyethylene terephthalate (PET) based or polyvinylidene chloride (PVdC) coated solutions, while retaining high clarity for vertical and horizontal packaging formats

PVOH coating provides better oxygen barrier in lower humidity conditions than most PVdC coated films.



Jindal Films data

Used with nitrogen flushing, it provided an appreciable advantage in protecting roasted peanuts flavor and texture. Gas flush, barrier and seals are critical for the shelf life of this product. This study was conducted for 15 weeks at 70°F, 50% 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.

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