# Bicor™ 84 AOH

#### Oriented Polypropylene Film

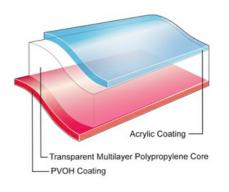
# **Jindal**

# **Product Description**

Bicor AOH is a two-side coated OPP film designed for high oxygen barrier laminations. AOH is designed to be used as the outer web in gas-flush applications for dry products.

### **Key Features**

- Excellent optical properties, non-yellowing
- Breakthrough barrier performance
- Outstanding oxygen barrier
- · Outstanding flavor and aroma barrier
- PVOH surface is receptive to water-based or solvent based inks and adhesives
- Requires priming for extrusion laminations



# General

#### Availability

Latin America

North America

PVOH/EVOH

South America

#### Features

Acrylic Coated

Flavor & Aroma Barrier

Gas Barrier

Oxygen Barrier

Crisps and Snacks

#### Uses

VFFS Flexible Packaging

# Appearance

**Applications** 

Clear/Transparent

# **Processing Method**

Inner Web Adhesive Lamination

Outer Web Adhesive Lamination

Solvent Flexographic Printing

Solvent Rotogravure Printing

Water-based Flexographic Printing

Outer Web Extrusion Lamination

# **Properties & Typical Values**

Property	Typical Value Unit	Test Based On
Yield	50.6 m²/kg	Internal Method
Unit Weight	19.7 g/m²	Internal Method
Film Thickness	21 μm	Internal Method
Gloss (45°)		
Acrylic Surface	95	Internal Method
Haze	1.0 %	Internal Method
Tensile Strength at Break		
510 mm/min pull rate, 50 mm jaw	separation	
MD	121 Mpa	Internal Method
TD	224 Mpa	Internal Method
Dimensional Stability		
MD	-4.5 %	Internal Method
TD	-4.0 %	Internal Method
Coefficient of Friction		
Acrylic/Acrylic	0.25	Internal Method
Water Vapor Transmission Rate		
38°C, 90% RH	5.7 g/m²/24 hr	Internal Method
Oxygen Transmission Rate		
23°C, 0% RH	0.31 cm <sup>3</sup> /m <sup>2</sup> /24 hr	Internal Method

#### **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: <a href="https://www.jindalfilms.com/login-register-docmg/">https://www.jindalfilms.com/login-register-docmg/</a>

# **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**

- AOH is designed for packaging dry products such as dried fruits, nuts and crackers that require an oxygen barrier.
- The oxygen barrier properties of the PVOH coating will be reduced by the presence of moisture. For products containing high moisture content, thorough testing should be undertaken to ensure that the desired results are achieved.
- AOH is designed for use as the outer web of a lamination. In lamination to a hermetic sealant web, AOH is ideal for gasflush applications.
- The PVOH surface is suitable for water-based or solvent-based printing and adhesive laminations. Contact ink and adhesive manufacturers for specific recommendations with this surface.
- The PVOH surface should be primed before extrusion lamination.

#### **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. Tested at 38°C (100°F)/100%RH, then calculated to 90%RH with .90 multiplier.
- 3. Sample dimensions and conditioning vary due to differences in equipment design.

#### Revision date

October 10, 2013

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