

## ExxonMobil Bicolor® 310 AB OPP Film

Category : Polymer , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

### Material Notes:

**Product Description:** Bicolor AB is a two-side acrylic coated, sealable OPP film designed for general use in applications, including overwrap, horizontal, and vertical packaging. This film is suitable as an unsupported web or lamination. It can be surface printed, reverse printed, or sued unprinted.  
**Availability:** Latin America, North America and South America  
**Key Features:** Outstanding optical properties Robust machinability Low and consistent COF Excellent hot slip Excellent flavor and aroma barrier Printable on both sides  
**Features:** Acrylic Coated Flavor & Aroma Barrier In Lamination Lap Sealable  
**Applications:** Biscuits/Cookie/Crackers Box Overwrap Confectionery, Gum Confectionery, Sugar Tobacco  
**Uses:** Box Overwrap Flexible Packaging HFF Flexible Packaging Pre-made Bags - Flexible Packaging Tobacco Overwrap Flexible Packaging VFFS Flexible Packaging  
**Processing Method:** Cold Seal Adhesive, Inner Web Adhesive Lamination, Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic Printing  
 Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Bicolor-310-AB-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Bicolor-310-AB-OPP-Film.php)

Physical Properties	Metric	English	Comments
Water Vapor Transmission	5.70 g/m <sup>2</sup> /day	0.367 g/100 in <sup>2</sup> /day	38°C, 90% RH; ExxonMobil Method
Thickness	25.4 microns	1.00 mil	Nominal; ExxonMobil Method
Coating Weight	22.2 g/m <sup>2</sup>	13.9 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.24	0.24	ExxonMobil Method
Film Tensile Strength at Break, MD	137 MPa	19900 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	236 MPa	34200 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.5 %	4.5 %	at 275°F; ExxonMobil Method
Shrinkage, TD	3.5 %	3.5 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.7 %	1.7 %	ExxonMobil Method
Gloss	87 %	87 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
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Descriptive Properties	Value	Comments
Crimp Seal Strength	560, g/in	260°F, 20psi, 3/4sec
Yield	31000 in <sup>2</sup> /lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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