

## ExxonMobil Bicolor™ 18 LPX-2 OPP Film

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

### Material Notes:

**Product Description:** Bicolor LPX-2 is a one-side treated, one-side sealable OPP film designed for use in a lamination. It can be laminated to Metallite, HBS-2, and itself to create lap sealable packages. **Availability:** Latin America, North America and South America **Key Features:** Excellent machinability as the outer web of laminations in HFFS and VFFS applications Excellent solventless adhesive lamination and wet-out Excellent ink adhesion and bond strengths in adhesive, PVdC adhesive, and extrusion laminations Lap seals to multiple coex sealants Non-migratory slip system for consistent CO Optical print dot structure and minimization of pin-holing Outstanding graphic in both four and multicolor process print applications **Features:** In Lamination Lap Sealable **Applications:** Bakery Biscuits/ Cookie/ Crackers Confectionery, Gum Confectionery, Sugar Crisps and Snacks **Uses:** HFFS Flexible Packaging VFFS Flexible Packaging **Processing Method:** Outer Web Extrusion Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic Printing **Information provided by ExxonMobil**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Bicolor-18-LPX-2-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Bicolor-18-LPX-2-OPP-Film.php)

Physical Properties	Metric	English	Comments
Water Vapor Transmission	6.36 g/m <sup>2</sup> /day @Temperature 38.0 °C	0.410 g/100 in <sup>2</sup> /day @Temperature 100 °F	90% RH; ExxonMobil Method
Thickness	17.8 microns	0.700 mil	ExxonMobil Method
Coating Weight	15.7 g/m <sup>2</sup>	9.80 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.24	0.24	ExxonMobil Method
Film Tensile Strength at Break, MD	124 MPa	18000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	241 MPa	35000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.5 % @Temperature 135 °C	4.5 % @Temperature 275 °F	ExxonMobil Method
Shrinkage, TD	5.0 % @Temperature 135 °C	5.0 % @Temperature 275 °F	ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	2.1 %	2.1 %	ExxonMobil Method

Optical Properties	Metric	English	Comments	Mobil Method
<b>Descriptive Properties</b>	<b>Value</b>		<b>Comments</b>	
Crimp Seal MST	216°F		Untreated	
Wetting Tension	0.85 receding cos theta		Treated Surface	
Yield	44000 in <sup>2</sup> /lb			

## Contact Songhan Plastic Technology Co.,Ltd.

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