

## ExxonMobil Bicolor™ 18 MAT OPP Film

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

### Material Notes:

**Product Description:** Bicolor MAT is a one-side matte finish, one-side treated, non-heat sealable OPP film designed for use as the outer web of a lamination. MAT is also an excellent matte finish slip film for heat seal laminations. The Paper-like appearance of MAT provides a differentiated shelf appeal, with a satiny appearance when reverse printed.  
**Availability:** Latin America, North America and South America  
**Key Features:** Excellent ink adhesion on the treated surface Non-migratory slip system for consistent COF Very uniform, low-gloss surface  
**Applications:** Bakery Biscuits/Cookie/Crackers Confectionery, Chocolate Crisps and Snacks Dairy Products Fresh Produce  
**Uses:** HFFS Flexible Packaging VFFS Flexible Packaging  
**Processing Method:** Cold Seal Adhesive, Outer Web Adhesive Lamination, Outer Web Extrusion Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing and Water-based Flexographic Printing  
 Information provided by ExxonMobil

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Water Vapor Transmission	7.92 g/m <sup>2</sup> /day @Temperature 38.0 °C	0.510 g/100 in <sup>2</sup> /day @Temperature 100 °F	100% 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	0.35	0.35	24hr, Matte; ExxonMobil Method
Film Tensile Strength at Break, MD	110 MPa	16000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	207 MPa	30000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.0 % @Temperature 135 °C	4.0 % @Temperature 275 °F	ExxonMobil Method
Shrinkage, TD	3.0 % @Temperature 135 °C	3.0 % @Temperature 275 °F	ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	72 %	72 %	ExxonMobil Method
			45°, Matte Surface; ExxonMobil

<small>Gloss</small> Optical Properties	<small>8.0 %</small> Metric	<small>8.0 %</small> English	<small>Method</small> Comments	
<b>Descriptive Properties</b>			<b>Value</b>	<b>Comments</b>
Wetting Tension	0.82 receding cos theta		Treated Surface	
Yield	44000 in <sup>2</sup> /lb			

## Contact Songhan Plastic Technology Co.,Ltd.

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