

## ExxonMobil Bicolor® 100 SLP OPP Film

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

### Material Notes:

**Product Description:** Bicolor SLP is a one-side treated, non-heat sealable OPP film designed for use as the outside web of a lamination. The treated print surface is intended as the print and laminating side. **Availability:** Latin America, North America and South America

**Features:** Excellent ink adhesion and bond strength in adhesive, PVdC adhesive, and extrusion laminations  
**Non-migratory slip system for consistent COF**

**Applications:** Bakery Biscuits/Cookie/Crackers Confectionery, Gum Confectionery, Sugar Crisps and Snacks Fresh Produce

**Uses:** HFFS Flexible Packaging Pouches – Flexible Packaging VFFS Flexible Packaging  
**Processing Method:** Outer Web Adhesive Lamination, Outer Web Extrusion Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing and Water-based Flexographic

Printing Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Bicolor-100-SLP-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Bicolor-100-SLP-OPP-Film.php)

Physical Properties	Metric	English	Comments
Water Vapor Transmission	5.10 g/m <sup>2</sup> /day	0.328 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	22.7 g/m <sup>2</sup>	14.2 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.20	0.20	slip modified; 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	4.0 %	4.0 %	at 275°F; ExxonMobil Method
Shrinkage, TD	4.0 %	4.0 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ExxonMobil Method
Gloss	87 %	87 %	45°, Untreated Surface; ExxonMobil Method

Descriptive Properties	Value	Comments
Wetting Tension	0.83 receding COS theta	Print Surface

Yield Descriptive Properties	30500 in <sup>2</sup> /lb Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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