

## ExxonMobil Bicor™ 60 SLP OPP Film

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

### Material Notes:

**Product Description:** Bicor 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

**Key Features:** SLP provides excellent bond strength in adhesive, PVdC adhesive, and extrusion laminations. The treated print surface of SLP is receptive to water-based and solvent-based inks and adhesives. SLP provides exceptional print quality equality and excellent ink adhesion.

**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

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Bicor-60-SLP-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Bicor-60-SLP-OPP-Film.php)

Physical Properties	Metric	English	Comments
Water Vapor Transmission	8.38 g/m <sup>2</sup> /day	0.540 g/100 in <sup>2</sup> /day	90% RH; ExxonMobil Method
	@Temperature 38.0 °C	@Temperature 100 °F	
Thickness	15.2 microns	0.600 mil	ExxonMobil Method
Coating Weight	13.6 g/m <sup>2</sup>	8.50 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	5.0 %	5.0 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	
Shrinkage, TD	5.0 %	5.0 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	

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

Gloss	88 %	88 %	Method
Optical Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Wetting Tension		0.83 receding cos theta	Treated Surface
Yield		50700 in <sup>2</sup> /lb	

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