

## ExxonMobil Oppalyte™ 60MH247 OPP Film

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

### Material Notes:

**Product Description:** A super white opaque, modified higher density, biaxially oriented PP film. This opaque and stiff film is ideal for mono material requirements and it has been designed for cold seal applications. **Availability:** Africa & Middle East, Asia Pacific and Europe

**Features:** Excellent stiffness and flex resistance Outstanding opacity, white background and reduced show-through Good moisture barrier Exceptional printability and receptivity to coatings Excellent support for cold seal adhesion

**Barrier Applications:** Bakery Biscuits/Cookie/Crackers Confectionery, Chocolate Confectionery, Gum Confectionery, Sugar Crisps and

**Snacks Dry Foods and Beverage Powders Frozen Food Household and Detergents Uses:** HFFS Flexible Packaging

**Processing Method:** Cold Seal Adhesive, Inner Web Extrusion Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing and Surface Print

Unsupported Information provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Oppalyte-60MH247-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Oppalyte-60MH247-OPP-Film.php)

Physical Properties	Metric	English	Comments
Oxygen Transmission Rate	0.636 cc/m <sup>2</sup> /day	0.0410 cc/100 in <sup>2</sup> /day	Wet, 75% RH; ExxonMobil Method
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	2.48 cc/m <sup>2</sup> /day	0.160 cc/100 in <sup>2</sup> /day	0% RH; ExxonMobil Method
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Thickness	61.0 microns	2.40 mil	ExxonMobil Method
Coating Weight	42.9 g/m <sup>2</sup>	26.8 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	170 %	170 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	55 %	55 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Coefficient of Friction	0.60	0.60	Untreated Surface; ExxonMobil Method
Film Tensile Strength at Break, MD	105 MPa	15200 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	185 MPa	26800 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.0 %	5.0 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	

Thermal Properties	Metric	English	Comments
Shrinkage, TD	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	ExxonMobil Method

Optical Properties	Metric	English	Comments
Gloss	70 %	70 %	45°; ExxonMobil Method
Transmission, Visible	20 %	20 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Whiteness Index	90	
Yield	16100 in <sup>2</sup> /lb	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China