

## ExxonMobil Label-Lyte™ 47LL247 OPP Film

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

### Material Notes:

**Product Description:** A super white opaque, high gloss, cavitated BOPP film designed for use in reel-fed wrap-around labeling applications where superior graphics are desired. **Availability:** Africa & Middle East, Asia Pacific and Europe **Key Features:** Outstanding opacity and whiteness Superb gloss Exceptional printability Excellent hot melt anchorage Excellent stiffness High tear and split resistance High resistance to elongation on labeling machine Good mold resistance **Applications:** Beverage, Alcoholic Beverage, Carbonated Beverage, Mineral Waters Dairy Products Health and Beauty Care Household and Detergents **Industrial Uses:** Reel-Fed Labels **Processing Method:** Inner Web Adhesion Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported, UV Flexographic Printing and UV Offset Lithography Printing **Information provided by ExxonMobil**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Label-Lyte-47LL247-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-47LL247-OPP-Film.php)

Physical Properties	Metric	English	Comments
Thickness	48.3 microns	1.90 mil	ExxonMobil Method
Coating Weight	28.5 g/m <sup>2</sup>	17.8 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	140 %	140 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	50 %	50 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Modulus of Elasticity	1.30 GPa	189 ksi	MD; ExxonMobil Method
	2.10 GPa	305 ksi	TD; ExxonMobil Method
Coefficient of Friction	0.60	0.60	Untreated Surface; ExxonMobil Method
Film Tensile Strength at Break, MD	100 MPa	14500 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	155 MPa	22500 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	6.0 %	6.0 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	
Shrinkage, TD	6.0 %	6.0 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	

Optical Properties	Metric	English	Comments
Gloss	75 %	75 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Whiteness Index	90	
Yield	24200 in <sup>2</sup> /lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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