

## ExxonMobil Label-Lyte™ 38DL247 OPP Film

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

### Material Notes:

**Product Description:** A super white opaque, high gloss, high yield and highly 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 Exceptional printability Excellent hot melt anchorage Excellent stiffness High tear and split resistance High resistance to elongation on labeling machine Good mold resistance High slip on untreated side of 38DL247 for optimized performance on the most demanding machines **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-38DL247-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-38DL247-OPP-Film.php)

Physical Properties	Metric	English	Comments
Thickness	38.1 microns	1.50 mil	ExxonMobil Method
Coating Weight	20.2 g/m <sup>2</sup>	12.6 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	110 %	110 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	40 %	40 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Modulus of Elasticity	1.20 GPa	174 ksi	MD; ExxonMobil Method
	1.80 GPa	261 ksi	TD; ExxonMobil Method
Coefficient of Friction	0.40	0.40	Untreated Surface; ExxonMobil Method
Film Tensile Strength at Break, MD	84.8 MPa	12300 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	120 MPa	17400 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	3.0 %	3.0 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	
Shrinkage, TD	3.0 %	3.0 %	ExxonMobil Method

Thermal Properties	Metric @Temperature 135 °C, Time 432 sec	English @Temperature 275 °F, Time 0.120 hour	Comments
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Optical Properties	Metric	English	Comments
Gloss	70 %	70 %	45°; ExxonMobil Method
Transmission, Visible	21 %	21 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Whiteness Index	90	
Yield	34300 in <sup>2</sup> /lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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