

## ExxonMobil Label-Lyte™ 38LW280 OPP Film

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

### Material Notes:

**Product Description:** A super white opaque slip controlled, biaxially oriented polypropylene film, metalized on one side. Designed for use in reel-fed wrap-around applications, where outstanding metalized appearance and superior graphics are desired. **Availability:** Africa & Middle East, Asia Pacific and Europe **Key Features:** Brilliant metal appearance Excellent adhesion of aluminum to film Slip controlled unmetallized surface High tear and split resistance High resistance to elongation on labeling machine Excellent stiffness Excellent mechanical properties 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 and Surface Print Unsupported **Information provided by ExxonMobil**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Label-Lyte-38LW280-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-38LW280-OPP-Film.php)

Physical Properties	Metric	English	Comments
Thickness	38.1 microns	1.50 mil	ExxonMobil Method
Coating Weight	23.2 g/m <sup>2</sup>	14.5 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	0.40	0.40	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
Optical Density	1.9	1.9	ExxonMobil Method
Gloss	75 %	75 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Yield	29800 in <sup>2</sup> /lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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