

ExxonMobil Label-Lyte™ 33LL247 OPP Film

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

Material Notes:

Product Description: A super white opaque, high gloss, caviated BOPP film designed for use in reel-fed warp-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 Excellent machine performance 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-33LL247-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	33.0 microns	1.30 mil	ExxonMobil Method
Coating Weight	20.2 g/m ²	12.6 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
Transmission, Visible	22 %	22 %	ExxonMobil Method

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

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