

ExxonMobil Label-Lyte™ 30LL-101 OPP Film

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

Material Notes:

Product Description: A clear, one-side treated, polypropylene film that is designed to provide exceptional clarity and print protection when used as overlaminates in pressure-sensitive labeling applications. This film is formulated with a proprietary non-migratory slip system. The treated clear layer provides excellent anchorage to most adhesives and is the intended print and laminating surface. **Availability:** Latin America, North America and South America **Key Features:** Outstanding clarity and gloss Excellent ink adhesion with most solvent-based and water-based ink systems Excellent bond strength with most laminating adhesives **Applications:** Beverage, Carbonated Beverage, Mineral Waters Dairy Products Dry Foods and Beverage Powders **Processing Method:** Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic Printing **Information provided by ExxonMobil**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-30LL-101-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	30.5 microns	1.20 mil	ExxonMobil Method
Coating Weight	27.4 g/m ²	17.1 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	183 %	183 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	46 %	46 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Coefficient of Friction	0.18	0.18	Machinable; ExxonMobil Method
Film Tensile Strength at Break, MD	124 MPa	18000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	241 MPa	35000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.0 %	4.0 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	
Shrinkage, TD	4.0 %	4.0 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ExxonMobil Method
Gloss	88 %	88 %	45°, Machinable Surface; ExxonMobil

Optical Properties	Metric	English	Method Comments
Descriptive Properties	Value		Comments
Wetting Tension	0.83	receding cos theta	Print Surface
Yield	25500	in ² /lb	

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