

ExxonMobil Label-Lyte® 30 LLG-101 Clear OPP Film

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

Material Notes:

Product Description: A clear, one-side treated, biaxially oriented polypropylene film that is used in roll-fed labeling. This film can be laminated to itself (at other gauges of LLG-101) or applied as outer webs to other films. It is formulated with a proprietary non-migratory slip system. The treated clear layer is the intended print and laminating surface. The machinable high gloss layer is receptive to hot melt adhesive. **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 Contains non-migratory slip system for outstanding performance on roll-fed labeling machines Good hot melt adhesion **Applications:** Beverage, Carbonated Beverage, Mineral Waters Dairy Products Dry Foods and Beverage Powders Health and Beauty Care Household and Detergents **Industrial Uses:** Reel-Fed Labels **Processing Method:** Inner Web Adhesive Lamination, Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic Printing **Information provided by ExxonMobil Chemical**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-30-LLG-101-Clear-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	124.11 MPa	18000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	241.32 MPa	35000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.0 %	4.0 %	at 275°F; ExxonMobil Method
Shrinkage, TD	4.0 %	4.0 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ExxonMobil Method
	87 %	87 %	45°, Machinable Surface; ExxonMobil

<small>Gloss</small> Optical Properties	Metric	English	<small>Method</small> Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Descriptive Properties	Value	Comments
Wetting Tension	0.83 receding COS theta	Print Surface
Yield	25500 in2/lb	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China