

ExxonMobil Label-Lyte® 25 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
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-25-LLG-101-Clear-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	25.4 microns	1.00 mil	ExxonMobil Method
Coating Weight	22.7 g/m ²	14.2 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	174 %	174 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	45 %	45 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Coefficient of Friction	0.19	0.19	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 %	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	30500 in ² /lb	

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