

ExxonMobil Label-Lyte™ 28LLG-202 OPP Film

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

Material Notes:

Product Description: A white, two-side treated, polypropylene film designed for use in roll-fed labeling of cylindrical glass, plastic, and metal containers. Typical applications include food, beverage, nutritional, aerosol, and household chemicals. The high yield 28LLG-202 should be laminated to a clear overlaminated or reverse-printed outer web. The treated, white print surface can be printed with water-based or solvent-based flexo and gravure inks. The treated, satin-white side is designed for machinability and hot melt adhesion. Availability: North America
Key Features: Excellent opacity and bright metal background for outstanding graphic appeal Very good ink adhesion and lamination bond strength Very good hot melt adhesion Consistent machinability on roll-fed label machines
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, 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-28LLG-202-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	27.9 microns	1.10 mil	ExxonMobil Method
Coating Weight	17.3 g/m ²	10.8 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	97 %	97 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	35 %	35 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Coefficient of Friction	0.36	0.36	Machinable; ExxonMobil Method
	0.60	0.60	Print; ExxonMobil Method
Film Tensile Strength at Break, MD	80.0 MPa	11600 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	129 MPa	18700 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.0 %	5.0 %	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
Transmission, Visible	35 %	35 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Opacity	0.78	
Wetting Tension	0.83 receding cos theta	Machinable Surface
	0.85 receding cos theta	Print Surface
Yield	40000 in ² /lb	

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