ExxonMobil Label-Lyte® 18 LLG-101 Clear OPP Film

Category : Polymer , Adhesive , Film , 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 over laminates 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 adhesive and is the intended print and laminating surface.Availability: Latin America, North America and South AmericaKey Features: Outstanding clarity and glossExcellent ink adhesion with most solvent-based and water-based ink systemsExcellent bond strength with most laminating adhesivesApplications:Beverage, CarbonatedBeverage, Mineral WatersDairy ProductsDry Foods and Beverage Powders Uses: Pressure Sensitive Labels Processing Method: Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic PrintingInformation provided by ExxonMobil Chemical

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-18-LLG-101-Clear-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	17.8 microns	0.700 mil	ExxonMobil Method
Coating Weight	15.7 g/m²	9.80 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	162 %	162 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	47 %	47 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Coefficient of Friction	0.20	0.20	Machinable; ExxonMobil Method
Film Tensile Strength at Break, MD	138 MPa	20000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	295.79 MPa	42900 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.5 %	5.5 %	at 275°F; ExxonMobil Method
Shrinkage, TD	6.0 %	6.0 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.8 %	1.8 %	ExxonMobil Method
Gloss	88 %	88 %	45°, Machinable Surface; ExxonMobil Method

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Descriptive Properties	Value	Comments
Wetting Tension	0.85 receding COS theta	
Yield	44000 in^2/lb	

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