ExxonMobil Label-Lyte® 19 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 AmericaKey Features: Outstanding clarity and glossExcellent ink adhesion with most solvent-based and water-based ink systemsExcellent bond strength with most laminating adhesivesContains non-migratory slip system for outstanding performance on roll-fed labeling machinesGood hot melt adhesionApplications:Beverage, CarbonatedBeverage, Mineral WatersDairy ProductsDry Foods and Beverage Powders Health and Beauty CareHousehold and DetergentsIndustrial 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 PrintingInformation provided by ExxonMobil Chemical

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-19-LLG-101-Clear-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	19.0 microns	0.750 mil	ExxonMobil Method
Coating Weight	17.0 g/m²	10.6 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	150 %	150 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	50 %	50 %	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	124 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	5.0 %	5.0 %	at 275°F; ExxonMobil Method
Shrinkage, TD	4.0 %	4.0 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.9 %	1.9 %	ExxonMobil Method
	88 %	88 %	45°, Machinable Surface; ExxonMobil

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

Descriptive Properties	Value	Comments
Wetting Tension	0.83 receding COS theta	
Yield	40800 in^2/lb	

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