

ExxonMobil Label-Lyte™ 50LGT702 OPP Film

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

Material Notes:

Product Description: A transparent biaxially oriented polypropylene film coated one side resistant coating and one side with a specially formulated acrylic coating. This film is designed for cut and stack labeling. 50LGT702 must be printed in reverse on the static resistant coating, which offers good anchorage to gravure and flexography solvent-based inks, as well as UV curing inks. The film is available in reels (sheets from distributors).Availability: Africa & Middle East, Asia Pacific and EuropeKey Features:Superior stiffnessHigh transparencyOutstanding static resistant propertiesExcellent reverse printability of static resistant sideEasy cutting into individual labelsHigh gloss finishExcellent anchorage of hot-meltsFeatures:Static Resistant CoatedApplications: Beverage, AlcoholicBeverage, Carbonated Beverage, Mineral Waters Dairy ProductsHealth and Beauty CareIndustrial Uses: Cut & Stack (Hot Melt) LabelsProcessing Method: Offset Ebeam Printing, Solvent Flexographic Printing, Solvent Rotogravure Printing, UV Flexographic Printing, UV Offset Lithography Printing and Water-based Flexographic PrintingInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-50LGT702-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	ExxonMobil Method
Coating Weight	46.4 g/m ²	29.0 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	175 %	175 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	65 %	65 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Modulus of Elasticity	2.00 GPa	290 ksi	MD; ExxonMobil Method
	3.50 GPa	508 ksi	TD; ExxonMobil Method
Coefficient of Friction	0.23	0.23	Inside/Outside
Film Tensile Strength at Break, MD	120 MPa	17400 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	245 MPa	35500 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.0 %	4.0 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	
	2.0 %	2.0 %	

Shrinkage TD Thermal Properties	Metric @ Temperature 135 °C, Time 432 sec	English @ Temperature 275 °F, Time 0.120 hour	ExxonMobil Method Comments

Optical Properties	Metric	English	Comments
Haze	2.5 %	2.5 %	ExxonMobil Method
Gloss	83 %	83 %	45°, Acrylic Surface; ExxonMobil Method

Descriptive Properties	Value	Comments
Yield	14900 in ² /lb	

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