

ExxonMobil Label-Lyte[™] 440LLG201 OPP Film

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

Material Notes:

Product Description: A matte, clear, one-side treated, polypropylene film intended to be used as the outer web of a lamination in roll-fed labeling applications. It presents an appealing paper-like, matte appearance while providing the benefits of a typical film overlaminate, including buried print, crisp graphics, and moisture resistance. The treated, clear layer offers good ink adhesion and strong lamination bonds with solvent-based, water-based, and UV-cured adhesives. Availability: Latin America, North America and South AmericaKey Features: Matte finish offers paper-like appearance, providing a differentiated shelf appealExcellent moisture resistanceGood ink and adhesive anchorage on treated surfaceConsistent labeling performanceApplications:Beverage, Carbonated Beverage, Mineral Waters Dairy ProductsDry Foods and Beverage PowdersUses: Reel-Fed LabelsProcessing Method: Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing and Water-based Flexographic PrintingInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-440LLG201-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	17.8 microns	0.700 mil	ExxonMobil Method
Coating Weight	15.7 g/m ²	9.80 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	60 %	60 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Coefficient of Friction	0.43	0.43	Matte; ExxonMobil Method
	0.56	0.56	Treated; ExxonMobil Method
Film Tensile Strength at Break, MD	110 MPa	16000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	200 MPa	29000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkaga MD	4.0 %	4.0 %	EuropMahil Mathad
Sililikaye, MD	@Temperature 135 °C	@Temperature 275 °F	
Shrinkora TD	3.5 %	3.5 %	EwenMabil Method
shrinkage, 1D	@Temperature 135 °C	@Temperature 275 °F	EXXONIMODIL Method

Optical Properties	Metric	English	Comments



Optical Properties	Metric	English	Comments Method
Gloss	10 %	10 %	45°; ExxonMobil Method
Descriptive Properties	Value		Commonto
Descriptive Properties	value		Comments
Wetting Tension	0.80 receding cos	theta	Treated Surface

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