

ExxonMobil Label-Lyte™ 440LL-201 OPP Film

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

Material Notes:

Product Description: A matte finish, clear, one-side treated, polypropylene film intended for use as an overlamine in pressure-sensitive labeling applications. It presents an appealing paper-like, matte appearance while providing the benefits of a typical film overlamine, including protected print, crisp graphics, and moisture resistance. The treated, clear layer offers good adhesive bond strength. **Availability:** Latin America, North America and South America **Key Features:** Matte finish Good adhesive bond strength Excellent moisture resistance **Applications:** Dairy Products Dry Foods and Beverage Powders **Uses:** Pressure Sensitive Labels **Processing Method:** Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing and Water-based Flexographic Printing **Information provided by ExxonMobil**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-440LL-201-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
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
Shrinkage, MD	4.0 %	4.0 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	
Shrinkage, TD	3.0 %	3.0 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	

Optical Properties	Metric	English	Comments
Haze	73 %	73 %	ExxonMobil Method
Gloss	10 %	10 %	45°, Matte Surface; ExxonMobil Method

Descriptive Properties	Value	Comments
Wetting Tension	0.80 receding cos theta	Treated Surface
Yield	44000 in ² /lb	

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