

ExxonMobil Label-Lyte™ 60LH538 OPP Film

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

Material Notes:

Product Description: A super white opaque polypropylene film face stock with a proprietary caviated core providing high yield and excellent opacity. The coated print surface provides exceptional ink adhesion with a broad range of ink systems. A matte adhesive receptive coating offers excellent anchorage with most pressure sensitive adhesive formulations. 60LH538 is designed for use in pressure sensitive labeling applications where excellent appearance and graphics are desired. **Availability:** Africa & Middle East, Asia Pacific, Latin America, South America and Europe **Key Features:** Excellent whiteness and opacity Excellent compatibility with a broad range of ink systems, including UV flexo Excellent adhesive anchorage Excellent "in-to-out" blocking resistance Excellent stiffness for automatic label dispensing **Features:** Adhesive Receptive Coated Humidity Resistant Pasteurizable Print Receptive Coated **Applications:** Beverage, Alcoholic Beverage, Carbonated Beverage, Mineral Waters Biscuits/Cookie/Crackers Confectionery, Chocolate Confectionery, Gum Confectionery, Sugar Dairy Products Health and Beauty Care Household and Detergents Industrial Pet Food Pharmaceuticals **Uses:** Pressure Sensitive Labels Processing **Method:** Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported, Thermal Transfer Printing, UV Flexographic Printing, UV Letterpress Printing, UV Offset Lithography Printing, UV Screen 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-60LH538-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	61.0 microns	2.40 mil	ExxonMobil Method
Coating Weight	44.6 g/m ²	27.9 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	170 %	170 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	55 %	55 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Modulus of Elasticity	1.60 GPa	232 ksi	MD; ExxonMobil Method
	2.60 GPa	377 ksi	TD; ExxonMobil Method
Film Tensile Strength at Break, MD	100 MPa	14500 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	195 MPa	28300 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	

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

Optical Properties	Metric	English	Comments
Gloss	63 %	63 %	45°, Print Surface; ExxonMobil Method
Transmission, Visible	20 %	20 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Yield	15500 in ² /lb	

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