### ExxonMobil Label-Lyte<sup>™</sup> 50LH538 Preliminary Data Sheet 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. 50LH538 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 EuropeKey Features: Excellent whiteness and opacityExcellent compatibility with a broad range of ink systems, including UV flexoExcellent adhesive anchorageExcellent "in-to-out" blocking resistanceExcellent stiffness for automatic label dispensingFeatures: Adhesive Receptive CoatedHumidity ResistantPasteurizable Print Receptive CoatedApplications: Beverage, AlcoholicBeverage, Carbonated Beverage, Mineral WatersBiscuits/Cookie/CrackersConfectionery, Chocolate Confectionery, Gum Confectionery, Sugar Dairy ProductsHealth and Beauty CareHousehold and DetergentsIndustrialPet FoodPharmaceuticalsUses: Pressure Sensitive LabelsProcessing 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 PrintingInformation provided by ExxonMobil

#### Order this product through the following link:

http://www.lookpolymers.com/polymer\_ExxonMobil-Label-Lyte-50LH538-Preliminary-Data-Sheet-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	ExxonMobil Method
Coating Weight	37.3 g/m²	23.3 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	170 %	170 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Modulus of Elasticity	1.70 GPa	247 ksi	MD; ExxonMobil Method
Film Tensile Strength at Break, MD	105 MPa	15200 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	185 MPa	26800 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments	
	3.0 %	3.0 %		
Shrinkage, MD	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	ExxonMobil Method	
	3.0 %	3.0 %		
Shrinkage, TD	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	ExxonMobil Method	

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Optical Properties	Metric	English	Comments
Gloss	63 %	63 %	45°, Print Surface; ExxonMobil Method
Transmission, Visible	22 %	22 %	ExxonMobil Method
Descriptive Properties		Value	Comments
Yield		18500 in <sup>2</sup> /lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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