

## ExxonMobil Label-Lyte™ 70LT447 OPP Film

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

### Material Notes:

**Product Description:** A matte finish, coated, white, polypropylene film designed for use in demanding thermal transfer, pressure-sensitive label applications. It is also compatible with a wide range of water-based or solvent-based flexo, gravure, UV screen, and UV flexo ink systems. The adhesive side is coated to provide improved pressure-sensitive adhesive anchorage. **Availability:** Africa & Middle East, Asia Pacific, Europe, Latin America, North America and South America **Key Features:** Excellent print resolution and abrasion resistance **Wide compatibility with thermal transfer ribbons** **Excellent car code scannability** **Excellent static resistant properties** **Features:** Static Resistant Coated **Static Resistant Matte Coated** **Applications:** Household and Detergents **Industrial Paper Ream wrap** **Pharmaceuticals** **Uses:** Pressure Sensitive Labels **Processing Method:** Digital Offset (HP Indigo) Printing, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported, Thermal Transfer Printing, UV Flexographic 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-70LT447-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-70LT447-OPP-Film.php)

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	ExxonMobil Method
Coating Weight	52.8 g/m <sup>2</sup>	33.0 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	190 %	190 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	50 %	50 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, MD	84.8 MPa	12300 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	161 MPa	23300 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	3.9 %	3.9 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	
Shrinkage, TD	3.3 %	3.3 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	

Optical Properties	Metric	English	Comments
Gloss	8.0 %	8.0 %	45°, Print Surface; ExxonMobil Method

Optical Properties	Metric	English	Comments	Method
Descriptive Properties		Value	Comments	
Opacity		90		
Stiffness (Gurley)		29 mgf		MD
		40 mgf		TD
Yield		13410 in <sup>2</sup> /lb		

## Contact Songhan Plastic Technology Co.,Ltd.

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