

## ExxonMobil Label-Lyte™ 70LS447 OPP Film

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

### Material Notes:

**Product Description:** A two-side coated, shrink resistant, white, polypropylene film designed for use in hot melt cut-and stack labeling. It has an static resistant, matte finish, paper like print surface that is litho-printable, as well as compatible with water-based or solvent-based flexo and gravure inks and UV-cured inks. This film is deigned to be used as a monoweb and provides excellent converting performance, including printing, sheeting, guillotine cutting, and label transfer on magazine-fed labelers. The other side has a hot melt receptive coating.  
**Availability:** Latin America, North America and South America  
**Key Features:** Excellent offset litho printing performance  
 Excellent static resistant properties for cut-and-stack labeling  
 Durable and moisture resistant  
 Excellent stiffness and burst performance  
**Features:** Static Resistant Coated  
 Static Resistant Matte Coated  
**Applications:** Beverage, Alcoholic Beverage, Carbonated Beverage, Mineral Waters Dairy Products Dry Foods and Beverage Powders Household and Detergents Industrial  
**Uses:** Cut & Stack (Hot Melt) Labels  
**Processing Method:** Conventional Offset Lithography Printing, 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-70LS447-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-70LS447-OPP-Film.php)

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	ExxonMobil Method
Coating Weight	51.5 g/m <sup>2</sup>	32.2 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	89.6 MPa	13000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	165 MPa	24000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.5 %	5.5 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	
Shrinkage, TD	5.5 %	5.5 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	

Optical Properties	Metric	English	Comments
Gloss	10 %	10 %	45°, Print Surface; ExxonMobil Method
Transmission, Visible	15 %	15 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Opacity	90	
Stiffness (Gurley)	29 mgf	MD
	50 mgf	TD
Yield	13400 in <sup>2</sup> /lb	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China