

ExxonMobil Label-Lyte™ 50LH247 OPP Film

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

Material Notes:

Product Description: A super white opaque, cavitated BOPP film for Pressure Sensitive (PSA) labeling applications where superior optics are desired. 50LH247 also shows excellent performances on reel-fed wrap-around labeling machines, where its high stiffness is particularly appreciated. **Availability:** Africa & Middle East, Asia Pacific and Europe **Key Features:** Outstanding white opaque background and superb white gloss finish **Good printability** on outside treated side **Compatibility** with most adhesive formulations **Excellent stiffness and flex resistance** **Very good moisture resistance** **Good overall converting, diecutting and dispensing properties** **Applications:** Dairy Products **Industrial Uses:** Pressure Sensitive Labels Reel-Fed Labels **Processing Method:** Inner Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported, UV Flexographic Printing, UV Letterpress Printing, UV Offset Lithography 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-50LH247-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	ExxonMobil Method
Coating Weight	35.7 g/m ²	22.3 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	1.70 GPa	247 ksi	MD; ExxonMobil Method
	2.80 GPa	406 ksi	TD; ExxonMobil Method
Coefficient of Friction	0.60	0.60	Untreated Surface; ExxonMobil Method
Film Tensile Strength at Break, MD	105 MPa	15200 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	185 MPa	26800 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

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

Thermal Properties	@Temperature 135 °C, Metric Time 432 sec	@Temperature 275 °F, English Time 0.120 hour	Comments
--------------------	--	--	----------

Optical Properties	Metric	English	Comments
Gloss	70 %	70 %	45°; ExxonMobil Method
Transmission, Visible	22 %	22 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Yield	19300 in ² /lb	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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