

ExxonMobil Label-Lyte™ 35LH247 OPP Film

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

Material Notes:

Product Description: A super white opaque, caviated BOPP film for Pressure Sensitive (PSA) labeling applications where superior optics are desired. LH247 also shows excellent performance 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
Very good moisture resistance
Good overall converting, die cutting, and dispensing properties
Applications: Health and Beauty Care Industrial
Uses: Pressure Sensitive Labels Reel-Fed Labels
Processing Method: Inner Web Adhesion 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-35LH247-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	35.6 microns	1.40 mil	ExxonMobil Method
Coating Weight	25.0 g/m ²	15.6 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	190 %	190 %	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	125 MPa	18100 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	250 MPa	36300 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	32 %	32 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Yield	40600 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