ExxonMobil Label-Lyte™ 47LTL247 OPP Film

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

Material Notes:

Product Description: A super white opaque, high gloss, cavitated BOPP film designed for use in reel-fed wrap-around labeling applications where superior graphics are desired. 47LTL247 with supplied Label-Mate static resistant lacquer applied on both sides can be used in cut and stack wrap-around applications.Availability: Africa & Middle East, Asia Pacific and EuropeKey Features:Outstanding opacity and whitenessSuperb gloss Exceptional printabilityExcellent hot melt anchorageExcellent stiffnessHigh tear and split resistanceHigh resistance to elongation on labeling machineGood mold resistance Features:Static Resistant CoatedApplications: Beverage, AlcoholicBeverage, Carbonated Beverage, Mineral Waters Dairy ProductsHealth and Beauty CareHousehold and DetergentsIndustrialUses: Reel-Fed LabelsProcessing Method: Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported, UV Flexographic Printing and UV Offset Lithography PrintingInformation provided by ExxonMobil

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-47LTL247-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	48.3 microns	1.90 mil	ExxonMobil Method
Coating Weight	28.5 g/m²	17.8 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	140 %	140 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	50 %	50 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Modulus of Elasticity	1.30 GPa	189 ksi	MD; ExxonMobil Method
	2.10 GPa	305 ksi	TD; ExxonMobil Method
Coefficient of Friction	0.60	0.60	Untreated Surface; ExxonMobil Method
Film Tensile Strength at Break, MD	100 MPa	14500 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	155 MPa	22500 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	6.0 % @Temperature 135 °C, Time 432 sec	6.0 % @Temperature 275 °F, Time 0.120 hour	ExxonMobil Method
Shrinkage, TD	6.0 %	6.0 %	ExxonMobil Method

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

Optical Properties	Metric	English	Comments
Gloss	75 %	75 %	45°; ExxonMobil Method
Transmission, Visible	16 %	16 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Whiteness Index	90	
Yield	24200 in^2/lb	

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