ExxonMobil Label-Lyte™ 17LL222 OPP Film

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

Material Notes:

Product Description: An uncoated biaxially oriented, transparent polypropylene film designed for overlamination in labeling applications where high gloss and high transparency are required.Availability: Africa & Middle East, Asia Pacific and EuropeKey Features: Superb gloss and transparencyVery good printability and receptivity to laminating adhesivesGood tear and split resistanceGood mold resistanceExcellent machine performance Applications:Beverage, AlcoholicBeverage, Carbonated Beverage, Mineral WatersBiscuits/Cookie/Crackers Dairy ProductsHealth and Beauty CareHousehold and DetergentsIndustrial Uses: Pressure Sensitive LabelsReel-Fed LabelsProcessing Method: Outer Web Adhesive Lamination, 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-17LL222-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	17.0 microns	0.670 mil	ExxonMobil Method
Coating Weight	15.2 g/m²	9.50 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	205 %	205 %	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	2.00 GPa	290 ksi	MD; ExxonMobil Method
	3.50 GPa	508 ksi	TD; ExxonMobil Method
Coefficient of Friction	0.30	0.30	ExxonMobil Method
Film Tensile Strength at Break, MD	140 MPa	20300 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	290 MPa	42100 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.0 % @Temperature 135 °C, Time 432 sec	5.0 % @Temperature 275 °F, Time 0.120 hour	ExxonMobil Method
Shrinkage, TD	5.0 % @Temperature 135 °C, Time 432 sec	5.0 % @Temperature 275 °F, Time 0.120 hour	ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.7 %	1.7 %	ExxonMobil Method
Gloss	85 %	85 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Yield	45400 in^2/lb	

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