ExxonMobil Label-Lyte™ 150LL-302 OPP Film

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

Material Notes:

Product Description: A white, corona-treated polypropylene label facestock designed for rigid and semi-rigid pressure-sensitive applications requiring durability, opacity, and excellent graphic appeal. The treated, high energy, print surface has generally good compatibility with water-based and solvent-based flexo and gravure, UV flexo, UV letterpress, and UV screen ink systems. The print surface is also compatible with hot stamping systems. The adhesive side is corona-treated for good pressure-sensitive adhesive anchorage.Availability: Latin America, North America and South AmericaKey Features: High yield for excellent economicsCompatible with most major label printing technologiesTreated, high energy print surface for excellent ink adhesionExcellent opacity (for backside printing)Good stiffness for automatic and hand-applied label dispensingApplications:Dairy ProductsHealth and Beauty CareHousehold and DetergentsIndustrialPharmaceuticals Uses: Pressure Sensitive Labels Processing Method: Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported, Thermal Transfer Printing and Water-based Flexographic PrintingInformation provided by ExxonMobil

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-150LL-302-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	66.0 microns	2.60 mil	ExxonMobil Method
Coating Weight	46.1 g/m²	28.8 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	185 %	185 %	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	90.3 MPa	13100 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	191 MPa	27700 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.3 % @Temperature 135 °C	4.3 % @Temperature 275 °F	ExxonMobil Method
Shrinkage, TD	5.0 % @Temperature 135 °C	5.0 % @Temperature 275 °F	ExxonMobil Method

Optical Properties	Metric	English	Comments
Optical Density			ExxonMobil Method

Optical Properties [2,3]	Metric [2,3]	English	Comments
Gloss	70 %	70 %	45°, Print Surface; ExxonMobil Method
Transmission, Visible	19 %	19 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Opacity	0.88	
Stiffness (Gurley)	22 mgf	MD
	42 mgf	TD
Wetting Tension	0.85 receding cos theta	Adhesive Surface
	0.9 receding cos theta	Print Surface
Yield	15000 in^2/lb	

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