

ExxonMobil Label-Lyte™ 40LL666 OPP Film

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

Material Notes:

Product Description: A transparent, high gloss, two side acrylic coated BOPP film for reel-fed wrap-around labeling applications.
Availability: Africa & Middle East, Asia Pacific and Europe
Key Features: Superb gloss and transparency
Exceptional printability
Excellent hot melt anchorage
High consistency and stability of surface properties
Excellent machine performance
Excellent stiffness
High resistance to elongation on labeling machine
Good mold resistance
Not humidity resistant
Features: Acrylic Coated
Applications: Beverage, Alcoholic Beverage, Carbonated Beverage, Mineral Waters Dairy Products Health and Beauty Care
Uses: Reel-Fed Labels
Processing Method: Inner Web Adhesion Lamination, Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic Printing
 Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-40LL666-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	40.6 microns	1.60 mil	ExxonMobil Method
Coating Weight	36.6 g/m ²	22.9 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	175 %	175 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	65 %	65 %	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	0.25	0.25	Acrylic; ExxonMobil Method
Film Tensile Strength at Break, MD	120 MPa	17400 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	245 MPa	35500 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.0 %	4.0 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	
Shrinkage, TD	2.0 %	2.0 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	

Optical Properties	Metric	English	Comments
Haze	1.6 %	1.6 %	ExxonMobil Method
Gloss	85 %	85 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Yield	18800 in ² /lb	

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