

ExxonMobil Label-Lyte™ 50LL210 OPP Film

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

Material Notes:

Product Description: An uncoated biaxially oriented, transparent polypropylene film for Pressure Sensitive labeling applications.
Availability: Africa & Middle East, Asia Pacific and Europe
Key Features: Good gloss and transparency, Good printability on the treated side, Good moisture resistance, Recommended for in-line top coating
Applications: Beverage, Alcoholic Beverage, Carbonated Beverage, Mineral Waters, Biscuits/Cookie/Crackers, Dairy Products, Dry Foods and Beverage Powders, Health and Beauty Care, Household and Detergents
Industrial Uses: Pressure Sensitive Labels
Processing Method: Inner Web Adhesive 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-50LL210-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	ExxonMobil Method
Coating Weight	44.8 g/m ²	28.0 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
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	1.7 %	1.7 %	ExxonMobil Method
Gloss	85 %	85 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Yield	15500 in ² /lb	

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