

ExxonMobil Label-Lyte™ 70LTR742 OPP Film

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

Material Notes:

Product Description: A matte finish, coated, white, polypropylene film designed for use in demanding thermal transfer, pressure-sensitive label applications. It is also compatible with a wide range of water-based or solvent-based flexo, gravure, UV screen, and UV flexo ink systems. The adhesive side is coated to provide improved pressure-sensitive adhesive anchorage. **Availability:** Africa & Middle East, Asia Pacific and Europe **Key Features:** Excellent print resolution and abrasion resistance Wide compatibility with the thermal transfer ribbons Excellent bar code scannability Excellent static resistant properties **Features:** Static Resistant Coated Static Resistant Matte Coated **Applications:** Household and Detergents Industrial Paper Ream Wrap Pharmaceuticals **Uses:** Pressure Sensitive Labels **Processing Method:** Digital Offset (HP Indigo) Printing, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported, Thermal Transfer Printing, UV Flexographic Printing, UV Screen 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-70LTR742-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	61.0 microns	2.40 mil	ExxonMobil Method
Coating Weight	48.5 g/m ²	30.3 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	170 %	170 %	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	1.60 GPa	232 ksi	MD; ExxonMobil Method
	2.60 GPa	377 ksi	TD; ExxonMobil Method
Film Tensile Strength at Break, MD	105 MPa	15200 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	185 MPa	26800 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
Gloss	10 %	10 %	45°; ExxonMobil Method
Transmission, Visible	20 %	20 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Yield	14300 in ² /lb	

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