

ExxonMobil Label-Lyte® 612 LL-112 Clear OPP Overlaminates

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

Material Notes:

Clear, polypropylene film designed to provide exceptional clarity and print protection when used as an overlaminates in pressure-sensitive labeling applications. The treated high energy layer provides excellent anchorage to most adhesives, including solvent based, water based, and UV cured systems. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-612-LL-112-Clear-OPP-Overlaminates.php

Physical Properties	Metric	English	Comments
Thickness	12.7 microns	0.500 mil	
Coating Weight	>= 11.4 g/m ²	>= 7.10 lb/ream	520

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	160 %	160 %	510
Film Elongation at Break, TD	45 %	45 %	510
Film Tensile Strength at Break, MD	138 MPa	20000 psi	510
Film Tensile Strength at Break, TD	262 MPa	38000 psi	510

Thermal Properties	Metric	English	Comments
Shrinkage, MD	6.0 %	6.0 %	at 275°F; 438
Shrinkage, TD	6.0 %	6.0 %	at 275°F; 438

Optical Properties	Metric	English	Comments
Haze	1.4 %	1.4 %	444
Gloss	93 %	93 %	442
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Descriptive Properties	Value	Comments
Wetting Tension, receding COS theta	0.8	high gloss surface
	0.85	high energy surface
Yield, in2/lb	61200	

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