

ExxonMobil Label-Lyte® 612 LLG-102 Clear OPP Film

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

Material Notes:

Clear, polypropylene films designed for use in roll-fed labeling applications. This film can be laminated to itself or applied as an outer web to other films. The print surface is a treated high energy layer and can be printed with water-based or solvent-based flexo and gravure inks and UV cured inks. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-612-LLG-102-Clear-OPP-Film.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
Coefficient of Friction	0.32	0.32	430
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	machinable
	0.85	high energy surface
Yield, in2/lb	61200	

Descriptive Properties	Value	Comments
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