

ExxonMobil Label-Lyte® 65 LIM-301 White Opaque OPP Film for Injection Mold Label Applications

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

Material Notes:

White, treated, polypropylene film designed for injection mold labeling. It provides the right combination of roughness, anti-static, printability, cutting, and stiffness properties for this demanding application. The treated print surface is designed for conventional and UV-cured offset lithography, solvent flexo, and gravure printing. This film has a smooth glossy appearance after molding, resulting in outstanding container graphics. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-65-LIM-301-White-Opaque-OPP-Film-for-Injection-Mold-Label-Applications.php

Physical Properties	Metric	English	Comments
Thickness	66.0 microns	2.60 mil	
Coating Weight	>= 46.1 g/m ²	>= 28.8 lb/ream	520

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	180 %	180 %	510
Film Elongation at Break, TD	65 %	65 %	510
Coefficient of Friction	0.25	0.25	untreated side; 430
	0.30	0.30	treated side; 430
Film Tensile Strength at Break, MD	100.77 MPa	14615 psi	510
Film Tensile Strength at Break, TD	151.15 MPa	21923 psi	510

Thermal Properties	Metric	English	Comments
Shrinkage, MD	3.5 %	3.5 %	at 275°F; 438
Shrinkage, TD	1.3 %	1.3 %	at 275°F; 438

Optical Properties	Metric	English	Comments
Gloss	10 %	10 %	untreated surface; 442
	50 %	50 %	treated surface; 442
Transmission, Visible	15 %	15 %	417

Descriptive Properties	Value	Comments
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Descriptive Properties	Value	Comments
Gurley Stiffness, TD, mgf	39	
Yield, in2/lb	15000	

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