ExxonMobil Label-Lyte™ 50ML580 OPP Film

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

Material Notes:

Product Description: A metalized, surface printable OPP film designed for pressure sensitive applications where high-sheen metalized appearance and high-speed press performance are desired. The proprietary top-coated metal print surface is designed for excellent print receptivity for a broad base of ink chemistries. The coating on the print surface Is similar to that on LL539. 50ML580 is compatible with UV flexo and solvent-based gravure systems. The adhesive surface is uncoated and may require base roll treatment.Availability: Europe, Latin America, North America and South AmericaKey Features: Excellent coated metal appearanceExcellent unconverted shelf life of coated metal print surfaceExcellent “in-to-out” blocking resistanceExcellent stiffness for automatic label dispensingApplications: Beverage, AlcoholicBeverage, Carbonated Beverage, Mineral Waters Health and Beauty CareHousehold and Detergents Uses: Pressure Sensitive LabelsProcessing Method: Conventional Offset Lithography, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported, UV Flexographic Printing, UV Letterpress Printing, UV Offset Lithography Printing, UV Screen Printing and Water-based Flexographic PrintingInformation provided by ExxonMobil

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-50ML580-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	ExxonMobil Method
Coating Weight	45.4 g/m²	28.4 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	50 %	50 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Modulus of Elasticity	2.10 GPa	305 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	270 MPa	39200 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	3.5 % @Temperature 135 °C, Time 432 sec	3.5 % @Temperature 275 °F, Time 0.120 hour	ExxonMobil Method
Shrinkage, TD	3.0 %	3.0 %	ExxonMobil Method

Thermal Properties	Metric	English	Comments
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	

Optical Properties	Metric	English	Comments
Gloss	80 %	80 %	45°, Print Surface; ExxonMobil Method

Descriptive Properties	Value	Comments
Yield	15200 in^2/lb	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China