

ExxonMobil Label-Lyte™ 50TD200 Preliminary Data Sheet OPP Film

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

Material Notes:

Product Description: A clear, transverse-direction shrinkable, one-side treated, polyolefin film. With a density below 1.0, this film facilitates floatation and supports the PET bottle-to-bottle recycling process (where available). This film is designed for use as a monoweb in shrink sleeve labeling of contoured containers, such as contoured plastic and glass bottles, aluminum and steel beverage cans, beaded metals cans and aerosol containers. The treated clear layer is for printing and is intended to be reverse-printed. 50TD200 Sleeve is suitable for all heat shrink processes and sealable with common solvent)THF.Availability: Europe and North America **Key Features:** Outstanding and consistent transverse-direction shrinkage, in applications requiring up to 50% shrinkDensity

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-50TD200-Preliminary-Data-Sheet-OPP-Film.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in ³	ExxonMobil Method
Thickness	50.8 microns	2.00 mil	ExxonMobil Method
Coating Weight	44.8 g/m ²	28.0 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.37	0.37	Untreated Surface; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.0 %	4.0 %	Free Shrinkage; ASTM D2732
	@Temperature 80.0 °C	@Temperature 176 °F	
	9.0 %	9.0 %	Free Shrinkage; ASTM D2732
	@Temperature 100 °C	@Temperature 212 °F	
Shrinkage, TD	33 %	33 %	Free Shrinkage; ASTM D2732
	@Temperature 80.0 °C	@Temperature 176 °F	
	66 %	66 %	Free Shrinkage; ASTM D2732
	@Temperature 100 °C	@Temperature 212 °F	

Optical Properties	Metric	English	Comments
Haze	9.0 %	9.0 %	ExxonMobil Method
Gloss	83 %	83 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Treatment	50 dyne/cm	Print Surface
Yield	15500 in ² /lb	

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