ExxonMobil Oppalyte™ 38DO447 OPP Film

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

Material Notes:

Product Description: A super white opaque BOPP film. The Diamex technology allows for super low density and very high yield. Diamex makes it possible to lower the density, without decreasing the modulus of elasticity, thereby not influencing the stiffness. This film is designed for heat seal and cold seal applications on HFFS lines.Availability: Africa & Middle East, Asia Pacific and EuropeKey Features: Very high yieldExcellent stiffness & mechanical propertiesBright white background and reduced show-throughSuperior light barrierHigh glossHeat sealable and adapted to cold seal processTreated layer must be varnished to ensure good runnability on HFFS machineFeatures: In Lamination Lap SealableLight BarrierApplications:BakeryBiscuits/Cookie/Crackers Box OverwrapConfectionery, ChocolateConfectionery, GumConfectionery, SugarCrisps and SnacksDry Foods and Beverage Powders Fresh ProduceFrozen FoodHealth and Beauty CareHousehold and DetergentsIce Cream Pet Food Uses:HFFS Flexible Packaging VFFS Flexible PackagingProcessing Method: Cold Seal Adhesive, Inner Web Adhesive Lamination, Inner Web Extrusion Lamination, Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing and Surface Print UnsupportedInformation provided by ExxonMobil

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Oppalyte-38DO447-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	38.1 microns	1.50 mil	ExxonMobil Method
Coating Weight	20.2 g/m²	12.6 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	110 %	110 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	40 %	40 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Modulus of Elasticity	1.20 GPa	174 ksi	MD; ExxonMobil Method
	1.80 GPa	261 ksi	TD; ExxonMobil Method
Coefficient of Friction	0.70	0.70	Untreated Surface; ExxonMobil Method
Seal Strength	300 g/25 mm @Pressure 0.138 MPa	300 g/in @Pressure 20.0 psi	0.8 sec; ExxonMobil Method
Film Tensile Strength at Break, MD	84.8 MPa	12300 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	120 MPa	17400 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments

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

Optical Properties	Metric	English	Comments
Gloss	70 %	70 %	45°; ExxonMobil Method
Transmission, Visible	21 %	21 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Heat Seal Range	54°F	36.3 psi, 0.2 sec
Yield	34300 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