ExxonMobil Metallyte™ 28MWHB OPP Film

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

Material Notes:

Product Description: A multi-layer, cavitaed, white OPP film that has exceptional barrier to gases, flavors and moistures. It is metalized on one side with a proprietary sealant layer on the other. MWHB is lap sealable to other coextruded OPP films. It is designed specifically for adhesive and extrusion laminations as well as converted monoweb applications. MWHB is craze resistant in extrusion laminations.Availability: Latin America, North America and South AmericaKey Features:Outstanding opacity and brilliant foil appearanceOutstanding moisture and oxygen barrierOutstanding aroma and flavor barrierExcellent flex-Crack resistanceLow MST broad seal rangeExcellent hot tackCraze resistant in extrusion laminationsFeatures:Flavor & Aroma BarrierGas Barrier In Lamination Lap SealableLight BarrierMoisture BarrierOxygen BarrierApplications:BakeryIce Cream Uses: HFFS Flexible Packaging Pouches – Flexible PackagingPre-made Bags – Flexible PackagingVFFS Flexible PackagingProcessing Method: Inner Web Adhesive Lamination, Inner Web Extrusion Lamination, Solvent Flexographic Priming, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic PrintingInformation provided by ExxonMobil

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Metallyte-28MWHB-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	0.310 g/m²/day @Temperature 38.0 °C	0.0200 g/100 in²/day @Temperature 100 °F	90% RH; ExxonMobil Method
Oxygen Transmission Rate	0.0931 cc/m²/day @Temperature 23.0 °C	0.00600 cc/100 in²/day @Temperature 73.4 °F	ExxonMobil Method
Thickness	27.9 microns	1.10 mil	ExxonMobil Method
Coating Weight	20.3 g/m²	12.7 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Break, MD	90.3 MPa	13100 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	199 MPa	28800 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.0 % @Temperature 135 °C	5.0 % @Temperature 275 °F	ExxonMobil Method
Shrinkage, TD	3.0 % @Temperature 135 °C	3.0 % @Temperature 275 °F	ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST	175°F	Untreated
Crimp Seal Strength	400 g/in	Untreated, 205°F, 20 psi, 0.8 sec
Yield	34000 in^2/lb	

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