ExxonMobil OPPalyte® 310 HSTW OPP Film

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

Material Notes:

Product Description: One-side coated, white opaque OPP film with a proprietary cavitated core. It is designed for use unsupported or in a lamination for cold seal packaging applications. One side is treated.Availability: Latin America, North America and South AmericaKey Features:Treated surface provides excellent print qualityExcellent cold seal adhesionOutstanding flavor and aroma barrierVery good moisture barrierVery good moisture barrierGood oxygen barrierBright white appearanceFeatures: Flavor & Aroma BarrierGas BarrierHigh Barrier Printable PVdC CoatedHigh Barrier PvdC CoatedIn Lamination Lap SealableLight BarrierMoisture BarrierOxygen BarrierPVdC CoatedApplications: Confectionery, Chocolate Confectionery, Gum Confectionery, Sugar Uses:HFFS Flexible Packaging Processing Method: Cold Seal Adhesive, Inner Web Adhesive Lamination, Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic PrintingInformation provided by ExxonMobil Chemical

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-OPPalyte-310-HSTW-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	4.00 g/m²/day	0.258 g/100 in²/day	38°C, 90% RH; ExxonMobil Method
Oxygen Transmission Rate	14.0 cc/m²/day	0.902 cc/100 in²/day	23°C, 0% RH; ExxonMobil Method
Thickness	38.1 microns	1.50 mil	ExxonMobil Method
Coating Weight	21.6 g/m²	13.5 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.53	0.53	ExxonMobil Method
Film Tensile Strength at Break, MD	77.911 MPa	11300 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	138 MPa	20000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.0 %	5.0 %	at 275°F; ExxonMobil Method
Shrinkage, TD	5.0 %	5.0 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Gloss	90 %	90 %	45°; ExxonMobil Method
Transmission, Visible	27 %	27 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Wetting Tension	0.8 receding COS theta	Treated Surface
Yield	32100 in^2/lb	

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