

ExxonMobil Oppalyte™ 35HM247 OPP Film

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

Material Notes:

Product Description: A super white opaque, modified higher density, biaxially oriented polypropylene film. This opaque and stiff film is ideal for mono material requirements and it has been especially designed for cold seal applications. **Availability:** Africa & Middle East, Asia Pacific and Europe **Key Features:** Excellent stiffness and flex resistance Outstanding opacity, white background and reduced show-through Good moisture barrier Exceptional printability and receptivity to coatings Excellent support for cold seal adhesion **Features:** Light Barrier **Applications:** Bakery Biscuits/ Cookie/ Crackers Confectionery, Chocolate Confectionery, Gum Confectionery, Sugar Crisps and Snacks Dry Foods and Beverage Powders Frozen Food Household and Detergents Ice Cream **Uses:** HFFS Flexible Packaging Processing **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 **Information provided by ExxonMobil**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Oppalyte-35HM247-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	1.10 g/m ² /day	0.0710 g/100 in ² /day	85% RH; ExxonMobil Method
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	4.97 g/m ² /day	0.320 g/100 in ² /day	90% RH; ExxonMobil Method
	@Temperature 38.0 °C	@Temperature 100 °F	
Thickness	35.6 microns	1.40 mil	ExxonMobil Method
Coating Weight	25.0 g/m ²	15.6 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	190 %	190 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	55 %	55 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Modulus of Elasticity	1.70 GPa	247 ksi	MD; ExxonMobil Method
	2.80 GPa	406 ksi	TD; ExxonMobil Method
Coefficient of Friction	0.60	0.60	Untreated Surface; ExxonMobil Method
Film Tensile Strength at Break, MD	125 MPa	18100 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	250 MPa	36300 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
Shrinkage, MD	@Temperature 135 °C, Time 432 sec	@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	32 %	32 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Whiteness Index	90	
Yield	27700 in ² /lb	

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