

ExxonMobil Oppalyte™ 52MHR647 OPP Film

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

Material Notes:

Product Description: A super white opaque, modified higher density, biaxially oriented PP film, humidity resistant acrylic coated two sides. This film is designed to wrap products with a high moisture content or products stored in humid conditions. It provides outstanding performance on all packaging machines. **Availability:** Africa & Middle East, Asia Pacific and Europe **Key Features:** Excellent humidity seal retention on both sides Low sealing threshold High seal strengths even under low pressure sealing Good aroma barrier Excellent packaging machine performance Outstanding opacity, white background and reduced show-through Excellent stiffness Ideal support for normal ink systems Water based coatings **Features:** Flavor & Aroma Barrier Humidity Resistant Humidity Resistant Acrylic Coated Light Barrier **Applications:** Bakery Box Overwrap Fresh Produce Frozen Food Health and Beauty Care Household and Detergents Ice Cream Industrial **Uses:** Box Overwrap Flexible Packaging HFFS Flexible Packaging Pre-made Bags – Flexible Packaging VFFS Flexible Packaging Processing **Method:** Cold Seal Adhesive, Solvent Flexographic Printing, Solvent Rotogravure Printing and Surface Print **Unsupported Information** provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Oppalyte-52MHR647-OPP-Film.php

Physical Properties	Metric	English	Comments
Oxygen Transmission Rate	650 cc/m ² /day	41.9 cc/100 in ² /day	Wet, 75% RH; ExxonMobil Method
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	652 cc/m ² /day	42.0 cc/100 in ² /day	0% RH; ExxonMobil Method
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Thickness	50.8 microns	2.00 mil	ExxonMobil Method
Coating Weight	37.6 g/m ²	23.5 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	170 %	170 %	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	0.25	0.25	Both Sides; ExxonMobil Method
Film Tensile Strength at Break, MD	105 MPa	15200 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	185 MPa	26800 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.0 % @Temperature 135 °C, Time 432 sec	4.0 % @Temperature 275 °F, Time 0.120 hour	ExxonMobil Method
Shrinkage, TD	2.0 % @Temperature 135 °C, Time 432 sec	2.0 % @Temperature 275 °F, Time 0.120 hour	ExxonMobil Method

Optical Properties	Metric	English	Comments
Gloss	70 %	70 %	45°; ExxonMobil Method
Transmission, Visible	22 %	22 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Whiteness Index	90	
Yield	18400 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