

ExxonMobil Oppalyte™ 30MW747 OPP Film

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

Material Notes:

Product Description: White opaque biaxially oriented polypropylene film coated on one side acrylic, one side PVdC. Provides excellent performances on all packaging machines. 30MW747 is a super white opaque film. **Availability:** Africa & Middle East, Asia Pacific and Europe **Key Features:** Excellent Moisture, Oxygen, and Aroma Barrier Broad Seal Range on Acrylic Side High Yield Outstanding Opacity, White Background, and Show-Trough Excellent Base for Converter-Applied Coatings Ideal Support for Normal Ink Systems Water Based Coatings **Features:** Acrylic Coated Flavor & Aroma Barrier Gas Barrier In Lamination Lap Sealable Light Barrier Moisture Barrier Oxygen Barrier PVdC Coated **Applications:** Bakery Biscuits/Cookie/Crackers Box Overwrap Confectionery, Chocolate Confectionery, Gum Confectionery, Sugar Crisps and Snacks Dry Foods and Beverage Powders Fresh Produce Frozen Food Health and Beauty Care Household Detergents Ice Cream **Uses:** Box Overwrap Flexible Packaging HFFS Flexible Packaging Pre-made Bags – Flexible Packaging VFFS Flexible Packaging **Processing Method:** Cold Seal Adhesive, Inner Web Adhesive Lamination, 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-30MW747-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	
	5.28 g/m ² /day	0.340 g/100 in ² /day	90% RH; ExxonMobil Method
	@Temperature 38.0 °C	@Temperature 100 °F	
Oxygen Transmission Rate	20.0 cc/m ² /day	1.29 cc/100 in ² /day	Wet, 75% RH; ExxonMobil Method
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	20.2 cc/m ² /day	1.30 cc/100 in ² /day	0% RH; ExxonMobil Method
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Thickness	30.5 microns	1.20 mil	ExxonMobil Method
Coating Weight	21.3 g/m ²	13.3 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	140 %	140 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	50 %	50 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Modulus of Elasticity	1.30 GPa	189 ksi	MD; ExxonMobil Method
	2.10 GPa	305 ksi	TD; ExxonMobil Method

Coefficient of Friction Mechanical Properties	0.25 Metric	0.25 English	Acrylic; ExxonMobil Method Comments
	0.35	0.35	PVdC; ExxonMobil Method
Seal Strength	410 g/25 mm @Pressure 0.276 MPa, Temperature 130 °C	410 g/in @Pressure 40.0 psi, Temperature 266 °F	Acrylic, 0.2 sec; ExxonMobil Method
	410 g/25 mm @Pressure 0.276 MPa, Temperature 130 °C	410 g/in @Pressure 40.0 psi, Temperature 266 °F	PVdC, 0.2 sec; ExxonMobil Method
Film Tensile Strength at Break, MD	100 MPa	14500 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	172 MPa	25000 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	6.0 % @Temperature 135 °C, Time 432 sec	6.0 % @Temperature 275 °F, Time 0.120 hour	ExxonMobil Method
Shrinkage, TD	6.0 % @Temperature 135 °C, Time 432 sec	6.0 % @Temperature 275 °F, Time 0.120 hour	ExxonMobil Method

Optical Properties	Metric	English	Comments
Gloss	75 %	75 %	45°, PVdC Surface; ExxonMobil Method
Transmission, Visible	26 %	26 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Carbon Dioxide Transmission Rate	5.16 cc/100 in ² / 24 hr	75% RH, ASTM D1434
Heat Seal Range	54°F	PVdC, 36.3 psi, 0.2 sec
	90°F	Acrylic, 36.3 psi, 0.2 sec
Nitrogen Transmission Rate	0.645 cc/100 in ² / 24 hr	75% RH, ASTM D1434
Yield	32500 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