

ExxonMobil Bicolor™ 26MB600 OPP Film

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

Material Notes:

Product Description: Biaxially oriented transparent polypropylene film, acrylic coated two sides. Gives outstanding performance on overwrap and HFFS machines.
Availability: Africa & Middle East, Asia Pacific and Europe
Key Features: Low sealing threshold, Low Sealing Threshold, Efficient Sealability under Low Pressure, Good Aroma Barrier, Outstanding Optical Properties, Excellent Performance on Overwrap Packaging Machines, Ideal Support for Normal Ink Systems, Water Based Coatings.
Features: Acrylic Coated, Flavor & Aroma Barrier.
Applications: Biscuits/Cookie/Crackers, Box Overwrap, Confectionery, Chocolate Confectionery, Gum Confectionery, Sugar Health and Beauty Care.
Uses: Box Overwrap, Flexible Packaging, Pre-made Bags – Flexible Packaging.
Processing Method: Inner Web Adhesive Lamination, Outer Web Adhesion, 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-Bicolor-26MB600-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	
Oxygen Transmission Rate	850 cc/m ² /day	54.8 cc/100 in ² /day	Wet, 75% RH; ExxonMobil Method
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	854 cc/m ² /day	55.0 cc/100 in ² /day	0% RH; ExxonMobil Method
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Thickness	25.4 microns	1.00 mil	ExxonMobil Method
Coating Weight	23.4 g/m ²	14.6 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	2.20 GPa	319 ksi	MD; ExxonMobil Method
	4.00 GPa	580 ksi	TD; ExxonMobil Method
Coefficient of Friction	0.25	0.25	Both Sides; ExxonMobil Method
	200 g/25 mm	200 g/in	

Mechanical Properties	Metric	English	Comments
	@Pressure 0.00345 MPa, Temperature 100 °C	@Pressure 0.500 psi, Temperature 212 °F	0.010 sec; ExxonMobil Method
	510 g/25 mm	510 g/in	Otto Brugger, 0.2 sec; ExxonMobil Method
	@Pressure 0.276 MPa, Temperature 130 °C	@Pressure 40.0 psi, Temperature 266 °F	
Film Tensile Strength at Break, MD	130 MPa	18900 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
Shrinkage, MD	5.0 %	5.0 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	
Shrinkage, TD	3.0 %	3.0 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	

Optical Properties	Metric	English	Comments
Haze	1.3 %	1.3 %	ExxonMobil Method
Gloss	86 %	86 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Heat Seal Range	90°F	36.3 psi, 0.2 sec
Yield	29700 in ² /lb	

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