

ExxonMobil Bicolor™ 30MB400 OPP Film

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

Material Notes:

Product Description: A heat sealable coextruded biaxially oriented polypropylene film that can be used on a wide range of packaging machines. 30MB400 can be either used as mono material or in laminated structures. **Availability:** Africa & Middle East, Asia Pacific and Europe **Key Features:** Outstanding optical properties Good seal strength Good dimensional stability Good hot slip Good hot tack **Features:** In Lamination Lap Sealable **Applications:** Bakery Biscuits/Cookie/Crackers Box Overwrap Confectionery, Chocolate Confectionery, Gum Confectionery, Sugar Crisps and Snacks Fresh Produce Frozen Food Health and Beauty Care Household and Detergents Ice Cream Paper Ream wrap Pet Food **Uses:** HFFS Flexible Packaging Pre-made Bags – Flexible Packaging VFFS Flexible Packaging **Processing Method:** Inner Web Adhesive Lamination, Outer Web Adhesive Lamination, Outer Web Extrusion 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-Bicolor-30MB400-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	1.01 g/m ² /day	0.0650 g/100 in ² /day	85% RH; ExxonMobil Method
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	4.50 g/m ² /day	0.290 g/100 in ² /day	90% RH; ExxonMobil Method
	@Temperature 38.0 °C	@Temperature 100 °F	
Thickness	30.5 microns	1.20 mil	ExxonMobil Method
Coating Weight	26.9 g/m ²	16.8 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	205 %	205 %	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	2.00 GPa	290 ksi	MD; ExxonMobil Method
	3.50 GPa	508 ksi	TD; ExxonMobil Method
Coefficient of Friction	0.30	0.30	Both Sides; ExxonMobil Method
Seal Strength	300 g/25 mm	300 g/in	Treated Surface, 0.8 sec; ExxonMobil Method
	@Pressure 0.0689 MPa, Temperature 120 °C	@Pressure 10.0 psi, Temperature 248 °F	
	300 g/25 mm	300 g/in	Untreated Surface, 0.8 sec;
	@Pressure 0.0689		

Mechanical Properties	MPa, Metric Temperature 115 °C	@Pressure 10.0 psi, English Temperature 239 °F	ExxonMobil Method Comments
Film Tensile Strength at Break, MD	140 MPa	20300 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	290 MPa	42100 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	5.0 %	5.0 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ExxonMobil Method
Gloss	85 %	85 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Heat Seal Range	54°F	36.3 psi, 0.2 sec
Yield	25700 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