

ExxonMobil Bicolor® 170 ASB-X OPP Film

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

Material Notes:

Product Description: Bicolor ASB-X is a two side coated, sealable OPP film designed for broad use in many applications, including overwrap, horizontal, and vertical packaging. This film is suitable as an unsupported web or in a lamination. It can be surface printed, reverse printed or used unprinted.
Availability: Latin America, North America and South America
Key Features: Outstanding optical properties Robust machinability Low and consistent COF Excellent flavor and aroma barrier Excellent heat seal strength and hot tack Very good moisture barrier Good Oxygen barrier
Features: Acrylic Coated Flavor & Aroma Barrier Gas Barrier In Lamination Lap Sealable Moisture Barrier Oxygen Barrier PVdC Coated Sealable PVdC Coated
Applications: Biscuits/Cookie/Crackers Box Overwrap Confectionery, Sugar 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, Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic Printing
 Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Bicolor-170-ASB-X-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	3.30 g/m ² /day	0.213 g/100 in ² /day	38°C, 90% RH; ExxonMobil Method
Oxygen Transmission Rate	70.0 cc/m ² /day	4.51 cc/100 in ² /day	23°C, 0% RH; ExxonMobil Method
Thickness	43.2 microns	1.70 mil	Nominal; ExxonMobil Method
Coating Weight	39.5 g/m ²	24.7 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.23	0.23	ExxonMobil Method
Film Tensile Strength at Break, MD	117 MPa	17000 psi	ExxonMobil Method
Film Tensile Strength at Break, TD	234 MPa	34000 psi	ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.0 %	4.0 %	at 275°F; ExxonMobil Method
Shrinkage, TD	3.0 %	3.0 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.2 %	1.2 %	ExxonMobil Method
Gloss	98 %	98 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST	190°F	PVdC/PVdC, 200g/in
Crimp Seal Strength	800 g/in	PVdC/PVdC, 260°F, 20psi, 3/4sec
Yield	17500 in ² /lb	

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