

ExxonMobil Bicolor® 210 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-210-ASB-X-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	2.60 g/m ² /day	0.167 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	53.3 microns	2.10 mil	Nominal; ExxonMobil Method
Coating Weight	49.4 g/m ²	30.9 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	3.0 %	3.0 %	at 275°F; ExxonMobil Method
Shrinkage, TD	3.0 %	3.0 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.5 %	1.5 %	ExxonMobil Method
Gloss	98 %	98 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST	190°F	PVdC/PVdC, 200g/in
Crimp Seal Strength	850 g/in	PVdC/PVdC, 260°F, 20psi, 3/4sec
Yield	14000 in ² /lb	

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