

ExxonMobil Bicolor® 220 AB OPP Film

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

Material Notes:

Product Description: Bicolor AB is a two-side acrylic coated, sealable OPP film designed for general use in overwrap and horizontal packaging. 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 hot slip Excellent stiffness Excellent flavor and aroma barrier Printable on both sides **Features:** Acrylic Coated Flavor & Aroma Barrier In Lamination Lap Sealable **Applications:** Biscuits/Cookie/Crackers Box Overwrap Tobacco **Uses:** Box Overwrap Flexible Packaging HFF Flexible Packaging Pre-made Bags - Flexible Packaging Tobacco Overwrap 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-220-AB-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	4.00 g/m ² /day	0.258 g/100 in ² /day	38°C, 90% RH; ExxonMobil Method
Thickness	33.0 microns	1.30 mil	Nominal; ExxonMobil Method
Coating Weight	30.7 g/m ²	19.2 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.22	0.22	ExxonMobil Method
Film Tensile Strength at Break, MD	138 MPa	20000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	238 MPa	34500 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.5 %	4.5 %	at 275°F; ExxonMobil Method
Shrinkage, TD	3.5 %	3.5 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.9 %	1.9 %	ExxonMobil Method
Gloss	87 %	87 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST	185°F	

Descriptive Properties	Value	Comments
Yield	22500 in ² /lb	

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