ExxonMobil Bicor® 120 AB-X OPP Film

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

Material Notes:

Product Description: Bicor AB-X is a two-side coated, sealable OPP film designed for general 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 AmericaKey Features:Outstanding optical propertiesRobust machinablityLow and consistent COFExcellent hot slipExcellent stiffnessExcellent flavor and aroma barrierExcellent hot tack and seal strengthVery broad seal rangeFeatures:Acrylic CoatedFlavor & Aroma BarrierIn Lamination Lap SealableApplications:Biscuits/Cookie/CrackersBox OverwrapConfectionery, GumConfectionery, SugarPaper Ream wrapTobaccoUses:Box Overwrap Flexible PackagingHFF Flexible PackagingPre-made Bags - Flexible PackagingTobacco Overwrap Flexible PackagingVFFS Flexible PackagingProcessing 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-Bicor-120-AB-X-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	5.00 g/m²/day	0.322 g/100 in²/day	38°C, 90% RH; ExxonMobil Method
Thickness	30.5 microns	1.20 mil	Nominal; ExxonMobil Method
Coating Weight	27.0 g/m²	16.9 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	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	228 MPa	33000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.0 %	5.0 %	at 275°F; ExxonMobil Method
Shrinkage, TD	3.5 %	3.5 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.7 %	1.7 %	ExxonMobil Method
Gloss	89 %	89 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST	178°F	200g/in
Crimp Seal Strength	600 g/in	260°F, 20psi, 3/4sec
Yield	25400 in^2/lb	

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