ExxonMobil Bicor® 420 HS OPP Film

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

Material Notes:

Product Description: Bicor HS is a two-side coated, sealable OPP film designed for general use in overwrap and horizontal packaging. This film is suitable as an unsupported web or lamination. It can be surface printed, or used unprinted.Availability: Latin America, North America and South AmericaKey Features:Outstanding optical propertiesRobust machinablityLow and consistent COFExcellent hot slipExcellent flavor and aroma barrierPrintable on both sidesFeatures:Acrylic CoatedFlavor & Aroma BarrierIn Lamination Lap SealableApplications:Biscuits/Cookie/CrackersBox OverwrapConfectionery, GumConfectionery, SugarUses:Box Overwrap Flexible PackagingHFF Flexible PackagingPre-made Bags - Flexible PackagingTobacco Overwrap 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-420-HS-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	7.60 g/m²/day	0.489 g/100 in²/day	38°C, 90% RH; ExxonMobil Method
Thickness	17.8 microns	0.700 mil	Nominal; ExxonMobil Method
Coating Weight	16.5 g/m²	10.3 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	228 MPa	33000 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	4.5 %	4.5 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.5 %	1.5 %	ExxonMobil Method
Gloss	90 %	90 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST	182°F	

Descriptive Properties	Value	Comments
Crimp Seal Strength	549 g/in	260 F, 20psi, 3/4sec
Yield	42000 in^2/lb	

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