ExxonMobil Bicor® 70 HBS-2 OPP Film

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

Material Notes:

Product Description: Bicor HBS-2 is a one-side sealable, one-side high barrier PVdC-coated OPP film designed for use as the inside sealant web in high-barrier laminations.Availability: Latin America, North America and South AmericaKey Features:Excellent moisture and oxygen barriersExcellent flavor and aroma barrierExcellent sealability, hot tack and seal rangeLap sealable to coex outer webFeatures:Flavor & Aroma BarrierGas BarrierHigh Barrier PVdC CoatedIn Lamination Lap SealableMoisture BarrierOxygen BarrierPVdC CoatedApplications:BakeryBiscuits/Cookie/CrackersBox OverwrapConfectionery, SugarCrisps and SnacksUses:HFF Flexible PackagingPre-made BAgs - Flexible PackagingVFFS Flexible PackagingProcessing Method: Inner Web Adhesive Lamination, Inner Web Extrusion Lamination, Solvent Flexographic Printing and Solvent Rotogravure Printing Information provided by ExxonMobil Chemical

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Bicor-70-HBS-2-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	2.50 g/m²/day	0.161 g/100 in²/day	38°C, 90% RH; ExxonMobil Method
Oxygen Transmission Rate	4.70 cc/m²/day	0.303 cc/100 in²/day	23°C, 0% RH; ExxonMobil Method
Thickness	17.8 microns	0.700 mil	Nominal; ExxonMobil Method
Coating Weight	17.4 g/m²	10.9 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Break, MD	114 MPa	16500 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	207 MPa	30000 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	4.0 %	4.0 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.8 %	1.8 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST	195°F	200g/in
Crimp Seal Strength	430 g/in	260°F, 20psi, 3/4sec

Descriptive Properties	Value	Comments
Yield	39500 in^2/lb	

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