ExxonMobil Bicor™ 70 SLP OPP Film

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

Material Notes:

Product Description: Bicor 70 SLP is a one-side treated, non-heat sealable OPP film designed for use as the outside web of a lamination. The treated print surface is intended as the print and laminating side.Availability: North America and South AmericaKey Features:Excellent ink adhesion and bond strength in adhesive, PVdC adhesive, and extrusion laminationsNon-migratory slip system for consistent COFApplications:BakeryBiscuits/Cookie/CrackersConfectionery, GumConfectionery, SugarCrisps and SnacksFresh ProduceUses:HFFS Flexible PackagingPouches – Flexible PackagingVFFS Flexible PackagingProcessing Method: Outer Web Adhesive Lamination, Outer Web Extrusion Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing and Water-based Flexographic PrintingInformation provided by ExxonMobil

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

Physical Properties	Metric	English	Comments
Water Vapor Transmission	6.52 g/m²/day @Temperature 38.0 °C	0.420 g/100 in²/day @Temperature 100 °F	90% RH; ExxonMobil Method
Thickness	17.8 microns	0.700 mil	ExxonMobil Method
Coating Weight	15.7 g/m²	9.80 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.20	0.20	Untreated; 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	295 MPa	42800 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.0 % @Temperature 135 °C	5.0 % @Temperature 275 °F	ExxonMobil Method
Shrinkage, TD	4.0 % @Temperature 135 °C	4.0 % @Temperature 275 °F	ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ExxonMobil Method
Gloss	88 %	88 %	45°, Untreated Surface; ExxonMobil Method

Descriptive Properties	Value	Comments
Wetting Tension	0.85 receding cos theta	Treated Surface
Yield	44000 in^2/lb	

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