

ExxonMobil Bicolor® 70 HSH OPP Film

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

Material Notes:

Product Description: Bicolor HSH is a one-side treated, one-side sealable, coextruded OPP film designed for use in unsupported plain or surface print high-speed horizontal applications. **Availability:** Latin America, North America and South America **Key Features:** Excellent optics Excellent hot slip properties for high-speed applications Low MST, broad seal range layer Non-migratory slip system for consistent COFF **Features:** In Lamination Lap Sealable **Applications:** Bakery Biscuits/ Cookie/ Crackers Confectionery, Gum Confectionery, Sugar Crips and Snacks **Uses:** HFFS Flexible Packaging **Processing Method:** Solvent Flexographic Printing, Solvent Rotogravure Printing and Surface Print **Unsupported** Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Bicolor-70-HSH-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	7.10 g/m ² /day	0.457 g/100 in ² /day	38°C, 90% RH; ExxonMobil Method
Thickness	17.8 microns	0.700 mil	Nominal; ExxonMobil Method
Coating Weight	15.7 g/m ²	9.80 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.40	0.40	Untreated; ExxonMobil Method
	0.40	0.40	Treated; ExxonMobil Method
Film Tensile Strength at Break, MD	124 MPa	18000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	248 MPa	36000 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	1.9 %	1.9 %	ExxonMobil Method
Gloss	90 %	90 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST,	195°F	

Crimp Seal Strength Descriptive Properties	450 g/in Value	240°F, 20psi, 3/4sec Comments
Wetting Tension	0.88 receding COS theta	Treated Surface
Yield	44000 in ² /lb	

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