

ExxonMobil Bicolor™ 70 XRG-2 OPP Film

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

Material Notes:

Product Description: Bicolor 70 XRG-2 is one-side treated, one-side sealable OPP film that can be used as the inside web of a lamination where exceptional seal performance is required. The high-energy surface is intended as the print and laminating side. **Availability:** Latin America, North America and South America **Key Features:** Low MST, very broad seal range with excellent hot tack High-energy surface for excellent ink adhesion and bond strengths in adhesive and extrusion laminations Lap seals to coex sealants without thermal stripe **Features:** In Lamination Lap Sealable Very Broad Seal Range **Applications:** Bakery Biscuits/Cookie/Crackers Crisps and Snacks Frozen Food Ice Cream **Uses:** HFFS Flexible Packaging VFFS Flexible Packaging **Processing Method:** Inner Web Adhesive Lamination, Inner Web Extrusion Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic Printing **Information provided by ExxonMobil**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Bicolor-70-XRG-2-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	17.8 microns	0.700 mil	ExxonMobil Method
Coating Weight	15.7 g/m ²	9.80 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	165 %	165 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	47 %	47 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Coefficient of Friction	0.40	0.40	Untreated; ExxonMobil Method
Film Tensile Strength at Break, MD	131 MPa	19000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	283 MPa	41000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.5 % @Temperature 135 °C	4.5 % @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	2.6 %	2.6 %	ExxonMobil Method

Optical Properties	Metric	English	Comments	Mobil Method
Descriptive Properties	Value	Comments		
Crimp Seal MST	89°C	Untreated		
Crimp Seal Strength	400 g/in	Treated/Treated, 240°F (116°C), 20 psi (0.1 MPa), 0.8 sec		
	400 g/in	Untreated/Untreated, 240°F (116°C), 20 psi (0.1 MPa), 0.8 sec		
Wetting Tension	0.8 receding cos theta	Treated Surface		
Yield	41000 in ² /lb			

Contact Songhan Plastic Technology Co.,Ltd.

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