

ExxonMobil Bicolor™ 70 CSR-M OPP Film

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

Material Notes:

Product Description: Bicolor CSR-M is a one-side matte finish, on-side treated, non-heat sealable OPP film designed for cold seal release as the outer web of a lamination. CSR-M is also an excellent matte finish slip film for heat seal laminations. The paper-like appearance of CSR-M provides a differentiated shelf appeal, with a satiny appearance when reverse printed. **Availability:** Latin America, North America and South America **Key Features:** Excellent ink adhesion on the treated surface Non-migratory slip system for consistent COF Very uniform low-glass surface Excellent release from cold seal surfaces **Applications:** Bakery Biscuits/ Cookie/ Crackers Confectionery, Chocolate Dairy Products Fresh Produce **Uses:** HFFS Flexible Packaging VFFS Flexible Packaging **Processing Method:** Cold Seal Adhesive, Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing and Water-based Flexographic Printing **Information provided by ExxonMobil**

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Water Vapor Transmission	7.92 g/m ² /day @Temperature 38.0 °C	0.510 g/100 in ² /day @Temperature 100 °F	90% RH; ExxonMobil Method
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
Coefficient of Friction	0.35	0.35	24 hr, Matte/Matte; ExxonMobil Method
Film Tensile Strength at Break, MD	110 MPa	16000 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	4.0 % @Temperature 135 °C	4.0 % @Temperature 275 °F	ExxonMobil Method
Shrinkage, TD	3.0 % @Temperature 135 °C	3.0 % @Temperature 275 °F	ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	72 %	72 %	ExxonMobil Method

<small>Gloss</small> Optical Properties	<small>8.0 %</small> Metric	<small>8.0 %</small> English	<small>45° Matte Surface; ExxonMobil MORINA</small> Comments
Descriptive Properties	Value		Comments
Wetting Tension	0.82 receding cos theta		Treated Surface
Yield	44000 in ² /lb		

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