

ExxonMobil Bicolor® 100 CSR-2 OPP Film

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

Material Notes:

Product Description: Bicolor CSR-2 is a one-side treated OPP film designed for cold seal release, either unsupported or as the outer web of a lamination. **Availability:** Latin America, North America and South America **Key Features:** Excellent cold seal adhesion and ink adhesion on the treated surface Non-migratory slip system for consistent COF Excellent release from cold seal adhesives **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, Outer Web Extrusion Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic Printing **Information provided by ExxonMobil Chemical**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Bicolor-100-CSR-2-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	5.10 g/m ² /day	0.328 g/100 in ² /day	38°C, 90% RH; ExxonMobil Method
Thickness	25.4 microns	1.00 mil	Nominal; ExxonMobil Method
Coating Weight	22.7 g/m ²	14.2 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.20	0.20	slip modified; ExxonMobil Method
Film Tensile Strength at Break, MD	145 MPa	21000 psi	ExxonMobil Method
Film Tensile Strength at Break, TD	290 MPa	42000 psi	ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.0 %	4.0 %	at 275°F; ExxonMobil Method
Shrinkage, TD	4.0 %	4.0 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ExxonMobil Method
Gloss	87 %	87 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Wetting Tension	0.83 receding COS theta	Treated Surface
Yield	30400 in ² /lb	

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