

ExxonMobil Bicolor® 120 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-120-CSR-2-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	4.30 g/m ² /day	0.277 g/100 in ² /day	38°C, 90% RH; ExxonMobil Method
Thickness	30.5 microns	1.20 mil	Nominal; ExxonMobil Method
Coating Weight	27.4 g/m ²	17.1 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	124 MPa	18000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	241 MPa	35000 psi	20 in/min, 2.0 in Jaw Separation; 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	88 %	88 %	45°, Untreated Surface; ExxonMobil Method

Descriptive Properties	Value	Comments
Wetting Tension	0.83 receding COS theta	Treated Surface

Yield Descriptive Properties	25200 in ² /lb Value	Comments
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