

ExxonMobil Bicolor® 30 ARW OPP Film

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

Material Notes:

Product Description: Bicolor ARW is a two-side acrylic coated OPP film designed for use in lamination and monoweb applications, especially for paper ream wrap. The acrylic-coated side with the higher COF is intended to be against the paper to ensure a tight wrap, where as the side with the lower COF is intended as the outside surface. This film has a broad has a broad seal range suitable for ream overwrap applications.
Availability: Latin America, North America and South America
Key Features: Consistent COF Robust machinability Excellent optical properties Good hot slip Excellent stiffness Excellent hot melt adhesion Excellent hot tack and seal strength Excellent flavor and aroma barrier
Features: Acrylic Coated Broad Seal Range In Lamination Lap Sealable
Applications: Paper Ream wrap Uses: Box Overwrap Flexible Packaging HFF Flexible Packaging Pre-made Bags - Flexible Packaging Tobacco Overwrap Flexible Packaging VFFS Flexible Packaging
Processing Method: Inner Web Adhesive Lamination, Outer Web Adhesive Lamination and Surface Print
 Unsupported
 Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Bicolor-30-ARW-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	5.00 g/m ² /day	0.322 g/100 in ² /day	38°C, 90% RH; ExxonMobil Method
Thickness	30.5 microns	1.20 mil	Nominal; ExxonMobil Method
Coating Weight	26.6 g/m ²	16.6 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.25	0.25	Slip Modified/Slip Modified; ExxonMobil Method
	0.52	0.52	Print/Print; ExxonMobil Method
Film Tensile Strength at Break, MD	138 MPa	20000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	234 MPa	34000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.0 %	5.0 %	at 275°F; ExxonMobil Method
Shrinkage, TD	3.5 %	3.5 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.5 %	1.5 %	ExxonMobil Method
Gloss	86 %	86 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST	185°F	Acrylic/Acrylic
Crimp Seal Strength	500 g/in	260°F, 20psi, 3/4sec
Yield	26100 in ² /lb	

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