

ExxonMobil Bicolor™ 25 ARW OPP Film

Category : Polymer , 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, whereas the side with the lower COF is intended as the outside surface. This film has 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 HFFS 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

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Bicolor-25-ARW-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	4.97 g/m ² /day	0.320 g/100 in ² /day	90% RH; ExxonMobil Method
	@Temperature 38.0 °C	@Temperature 100 °F	
Thickness	25.4 microns	1.00 mil	ExxonMobil Method
Coating Weight	22.7 g/m ²	14.2 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.25	0.25	Slip Modified; ExxonMobil Method
	0.52	0.52	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 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	
Shrinkage, TD	5.0 %	5.0 %	ExxonMobil Method
	@Temperature 135 °C	@Temperature 275 °F	

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

Descriptive Properties	Value	Comments
Crimp Seal MST	185°F	Acrylic/Acrylic
Crimp Seal Strength	500 g/in	240°F (116°C), 20 psi (0.1 MPa), 0.8 sec
Yield	30500 in ² /lb	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China