

ExxonMobil OPPalyte® 30 HM OPP Film

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

Material Notes:

Product Description: White opaque OPP film with a proprietary cavitated core. Designed for cold seal applications and is used as a surface print, monoweb, or as the inside web of a lamination. **Availability:** Latin America, North America and South America **Key Features:** Excellent stiffness and flex resistance Outstanding opacity Bright white appearance Very good moisture barrier Excellent print performance for flexographic and rotogravure printing The treated print layer provides very good ink adhesion The treated cold seal layer provides exceptional cold seal adhesion, with very good adhesion to synthetic cold seals The treated cold seal layer allows for back-side printing with FDA approved inks **Features:** Light Barrier Moisture Barrier **Applications:** Bakery Biscuits/Cookie/Crackers Confectionery, Chocolate Confectionery, Gum Confectionery, Sugar Ice Cream **Uses:** HFFS Flexible Packaging **Processing Method:** Cold Seal Adhesive, Inner Web Adhesive Lamination, Inner 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-OPPalyte-30-HM-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	5.90 g/m ² /day	0.380 g/100 in ² /day	38°C, 90% RH; ExxonMobil
Thickness	33.0 microns	1.30 mil	ExxonMobil
Coating Weight	20.0 g/m ²	12.5 lb/ream	ExxonMobil

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Break, MD	74.463 MPa	10800 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil
Film Tensile Strength at Break, TD	179.26 MPa	26000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil

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

Optical Properties	Metric	English	Comments
Gloss	65 %	65 %	45°; ExxonMobil
Transmission, Visible	30 %	30 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Opacity	80%	

Descriptive Properties	Value	Comments
	0.9 receding COS theta	print surface
Yield	34500 in ² /lb	

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