

ExxonMobil Metallyte® 70 MET-HB OPP Film

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

Material Notes:

Product Description: A vacuum-metallized, high barrier OPP film with a proprietary sealant layer. This film offers excellent moisture and oxygen barriers, hot tack, seal integrity, and lap seal range when used with a coextruded outer web. MET-HB is designed specifically for adhesive and extrusion laminations. MET-HB resists crazing in extrusion laminations. **Availability:** Latin America, North America and South America **Key Features:** Good oxygen barrier Low MST, broad seal range, strong seals High adhesion of aluminum to film Resists crazing in extrusion laminations **Excellent hot tack** **Features:** In Lamination Lap Sealable Light Barrier Moisture Barrier Oxygen Barrier **Applications:** Bakery Biscuits/Cookie/Crackers Crisps and Snacks **Uses:** HFFS Flexible Packaging Pre-made Bags – Flexible Packaging VFFS Flexible Packaging **Processing Method:** 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-Metallyte-70-MET-HB-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	0.190 g/m ² /day	0.0122 g/100 in ² /day	38°C, 90% RH; ExxonMobil Method
Oxygen Transmission Rate	26.0 cc/m ² /day	1.67 cc/100 in ² /day	23°C, 0% RH; ExxonMobil Method
Thickness	17.8 microns	0.700 mil	ExxonMobil Method
Coating Weight	15.7 g/m ²	9.80 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Break, MD	152 MPa	22000 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	4.5 %	4.5 %	at 275°F; ExxonMobil Method
Shrinkage, TD	2.5 %	2.5 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Optical Density	2.4	2.4	ExxonMobil Method
Transmission, Visible	0.40 %	0.40 %	ExxonMobil Method

Descriptive Properties	Value	Comments
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Descriptive Properties	Value	Comments
Crimp Seal Strength	400 g/in	205°F, 20psi, 3/4sec
Yield	44000 in ² /lb	

Contact Songhan Plastic Technology Co.,Ltd.

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