

ExxonMobil Metallyte® 70 MET OPP Film

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

Material Notes:

Product Description: A moderate barrier, metalized OPP film for use in adhesive and extrusion laminations to reverses-printed outer webs. The proprietary broad seal range layer offers excellent hot tack, seal integrity, and lap seal range when used with a coextruded outerweb.
Availability: Latin America, North America and South America
Key Features: Outstanding moisture and light barriers Low MST, broad seal range, strong seals High adhesion of aluminum to film Resists crazing in extrusion laminations MET provides an excellent light barrier and a brilliant foil appearance
Features: In Lamination Lap Sealable Light Barrier Moisture Barrier
Applications: Bakery Biscuits/Cookie/Crackers Crisps and Snacks Frozen Food Ice Cream
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-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
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
Crimp Seal MST	185°F	

Descriptive Properties	Value	Comments
Yield	44000 in ² /lb	200°C, 20psi, 3/4sec

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