

ExxonMobil Metallyte™ UHB 35 MWHB OPP Film

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

Material Notes:

Product Description: A multi-layer, cavitaed, white OPP film structure that has exceptional barrier to gases and flavors. It is metalized on one side and treated on the other. It is designed for use in laminations or as a converted monoweb, especially with converter-applied cold seal sealants. The treated face has surface sealing characteristics for fine sealing and will lap seal to some coextruded OPP films.
Availability: Latin America, North America and South America
Key Features: Outstanding opacity Outstanding moisture and oxygen barrier Outstanding aroma and flavor barrier Excellent flex-Crack resistance Excellent surface for high graphic quality
Features: Flavor & Aroma Barrier Gas Barrier In Lamination Lap Sealable Light Barrier Moisture Barrier Oxygen Barrier
Applications: Bakery Uses: HFFS Flexible Packaging Pouches – Flexible Packaging Pre-made Bags – Flexible Packaging VFFS Flexible Packaging
Processing Method: Cold Seal Adhesive, Extrusion Coating, Inner Web Adhesive Lamination, Inner Web Extrusion Lamination, Solvent Flexographic Priming, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic Printing
Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Metallyte-UHB-35-MWHB-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	0.295 g/m ² /day @Temperature 38.0 °C	0.0190 g/100 in ² /day @Temperature 100 °F	90% RH; ExxonMobil Method
Oxygen Transmission Rate	0.0931 cc/m ² /day	0.00600 cc/100 in ² /day	ExxonMobil Method
Thickness	35.6 microns	1.40 mil	ExxonMobil Method
Coating Weight	24.8 g/m ²	15.5 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Break, MD	75.2 MPa	10900 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	84.8 MPa	12300 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.0 % @Temperature 135 °C	5.0 % @Temperature 275 °F	ExxonMobil Method
Shrinkage, TD	5.0 % @Temperature 135 °C	5.0 % @Temperature 275 °F	ExxonMobil Method

Descriptive Properties	Value	Comments
Treatment	40 dyne/cm	Treated Surface

Descriptive Properties	Value	Comments
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