

## ExxonMobil OPPalyte® 278 WOS-2 OPP Film

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

### Material Notes:

**Product Description:** One-side treated, on-side sealable, white opaque OPP film with a proprietary cavitated core. WOS-2 was developed to provide improvements over 278 WOS in terms of lower and more consistent COF, lower MST, and improved print performance. **Availability:** Latin America, North America and South America **Key Features:** Outstanding opacity Robust machinability Bright white appearance **Features:** In Lamination Lap Sealable Light Barrier **Applications:** Bakery Biscuits/Cookie/Crackers Dairy Products 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-OPPalyte-278-WOS-2-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-OPPalyte-278-WOS-2-OPP-Film.php)

Physical Properties	Metric	English	Comments
Water Vapor Transmission	4.80 g/m <sup>2</sup> /day	0.309 g/100 in <sup>2</sup> /day	38°C, 90% RH; ExxonMobil Method
Thickness	43.2 microns	1.70 mil	ExxonMobil Method
Coating Weight	24.8 g/m <sup>2</sup>	15.5 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.36	0.36	Treated; ExxonMobil Method
Film Tensile Strength at Break, MD	78.600 MPa	11400 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	122.73 MPa	17800 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	4.0 %	4.0 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Gloss	70 %	70 %	45°, Treated Surface; ExxonMobil Method
Transmission, Visible	24 %	24 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST	186°F	untreated

Crimp Seal Strength Descriptive Properties	480 n/in Value	210°F, 20ms, 3/4 sec, Untreated Comments
Wetting Tension	0.8 receding COS theta	
Yield	27800 in <sup>2</sup> /lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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