# ExxonMobil Metallyte® 50 TSPM OPP Film

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

**Material Notes:**

Product Description: A high barrier, non-sealable OPP film with one-side metalized a one-side treated. TSP< is designed for use as the inner web of a cold seal lamination or as the center web of a triplex lamination. The treated surface offers excellent cold seal compatibility.Availability: Latin America, North America and South AmericaKey Features:Outstanding light barriersImproved moisture barrierVery Good oxygen barrierExcellent cold seal adhesionAdhesive lamination capableExcellent metal adhesion and appearanceFeatures:Light BarrierMoisture BarrierOxygen BarrierApplications:Bakery Biscuits/Cookie/CrackersConfectionery, ChocolateConfectionery, Gum Confectionery, Sugar Crisps and SnacksDry Foods and Beverage PowdersPet Food Uses: HFFS Flexible PackagingPouches – Flexible PackagingVFFS Flexible PackagingProcessing Method: Cold Seal Adhesive and Inner Web Adhesive LaminationInformation provided by ExxonMobil Chemical

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Metallyte-50-TSPM-OPP-Film.php

| Physical Properties | Metric | English | Comments |
|---|---|---|---|
| Water Vapor Transmission | 0.390 g/m²/day | 0.0251 g/100 in²/day | 38°C, 90% RH; ExxonMobil Method |
| Thickness | 12.7 microns | 0.500 mil | ExxonMobil Method |
| Coating Weight | 11.4 g/m² | 7.10 lb/ream | ExxonMobil Method |

| Mechanical Properties | Metric | English | Comments |
|---|---|---|---|
| Film Tensile Strength at Break, MD | 131 MPa | 19000 psi | 20 in/min, 2.0 in Jaw Separation; ExxonMobil Method |
| Film Tensile Strength at Break, TD | 262 MPa | 38000 psi | 20 in/min, 2.0 in Jaw Separation; ExxonMobil Method |

| Thermal Properties | Metric | English | Comments |
|---|---|---|---|
| Shrinkage, MD | 5.0 % | 5.0 % | at 275°F; ExxonMobil Method |
| Shrinkage, TD | 5.0 % | 5.0 % | 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 |
|---|---|---|
| Wetting Tension | 0.85 receding cos theta | Matte Surface |
| Yield | 61200 in²/lb | |

| Descriptive Properties | Value | Comments |
|---|---|---|

## Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China