

OPPalyte™ MO747 - Oriented Polypropylene Film



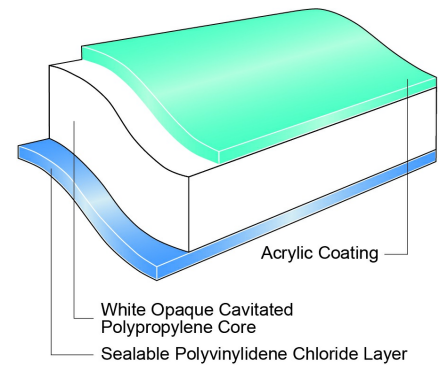
FLEXIBLE PACKAGING PRODUCT DATA SHEET

Product Description

OPPalyte™ MO747 is a white opaque biaxially oriented polypropylene film, coated on one side acrylic, one side PVdC. it provides excellent performances on all packaging machines.

Key Features

- Broad sealing range on acrylic side
- Excellent aroma, oxygen, and moisture barriers
- Superior opacity
- High yield
- Excellent stiffness
- Coatings are mutually compatible and compatible with converter-applied PVdC coatings.
- Excellent base for converter-applied coatings
- Solvent-free coatings
- Ideal support for water-based ink printing on acrylic side
- Improved barrier to Mineral Oils compared to non-barrier film⁽¹⁾
- Significant mineral oils contamination protection period of more than 2 years



Properties & Typical Values

Properties	Unit	36MO747	50MO747	Test Method
Yield	m ² /kg	40.4	29.9	ITM 01
Unit Weight	g/m ²	24.8	33.4	ITM 01
Film Thickness	μm	36	50	ITM 02
Gloss (45°) - Acrylic Surface		100	100	ITM 14
Light Transmission	%	22.0	16.5	ITM 06
Tensile Strength at Break - MD TD 200 mm/min pull rate, 120 mm jaw separation	Mpa	115 170	115 170	ITM 50
Dimensional Stability 135°C / 275°F, 7 min - MD TD	%	-5.0 -6.0	-5.0 -6.0	ITM 37
Elongation at Break - MD TD 200 mm/min pull rate, 120 mm jaw separation	%	130 50	130 50	ITM 50
Elastic Modulus - MD TD	Mpa	1500 2500		ITM 50
Minimum Sealing Temperature (Min 300g/25mm) - 25N/cm ² - 0.5 sec - Flat/Flat PVdC/PVdC	°C	100	100	ITM 26
Heat Seal Range (RDM) Acrylic/Acrylic - RDM - 25N/cm ² - 0.5 sec - Flat/Flat	°C	55	55	ITM 26
PVdC/PVdC - RDM - 25N/cm ² - 0.5 sec - Flat/Flat	°C	50	50	ITM 26
Coefficient of Friction Acrylic/Acrylic		0.25	0.25	ITM 20
PVdC/PVdC		0.35	0.35	ITM 20
Water Vapor Transmission Rate - 38°C, 90% RH	g/m ² /24 hr	4.8	3.4	ITM 46
Oxygen Transmission Rate - 23°C, 0% RH	cm ³ /m ² /24 hr	20	20	ITM 42

TYPICAL VALUES SHOULD NOT BE CONSTRUED AS FINISHED PRODUCT SPECIFICATIONS (FPS).

Market Segments

- ✓ Biscuits/Cookie/Crackers
- ✓ Confectionery, Sugar
- ✓ Confectionery, Chocolate
- ✓ Household and Detergents
- ✓ Ice Cream

- ✓ Box Overwrap
- ✓ Bakery
- ✓ Frozen Food
- ✓ Crisps and Snacks

- ✓ Confectionery, Gum
- ✓ Fresh Produce
- ✓ Health and Beauty Care
- ✓ Dry Foods and Beverage Powders

Applications

- ✓ Box Overwrap Flexible Packaging
- ✓ HFFS Flexible Packaging
- ✓ Pre-made Bags - Flexible Packaging
- ✓ VFFS Flexible Packaging

Processing Method

- ✓ Cold Seal Adhesive
- ✓ Inner Web Adhesive Lamination
- ✓ Outer Web Adhesive Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Surface Print Unsupported

Food Contact

Any further regulatory information on this product (i.e. Food Contact application, Presence/absence of substances, Reach, ...) are accessible on the below link: <http://www.jindalfilms.com/login-register-docmg/>

Legal Statement

This product is not intended for or supported for use in pharmaceutical or medical applications requiring compliance with EU or US Pharmacopeia.

Processing Statement

Contact your Jindal Films Technical Service Representative for processing recommendations and guidelines.

Storage

You will find all information about storage conditions into the sign in area of our website <http://www.jindalfilms.com/login-register-docmg/>, under the section "Information on food safety and quality practices". The name of the document is "Storage recommendations".

Footnotes

- (1) Please contact your sales representative to get quantitative data on film barrier properties to Mineral Oils (MOSH and MOAH).
- Dimensional stability is reported for uncoated base film.
- Please contact your Sales Representative for complete country availability.

Revision date : April 30, 2025

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