

# OPPalyte™ 36MO747

Oriented Polypropylene Film

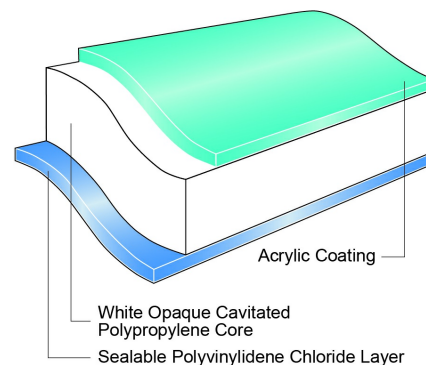
**Jindal**  
Films

## Product Description

OPPalyte™ is a white opaque biaxially oriented polypropylene film, coated on one side acrylic, one side PVdC. 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-applies PVdC coatings.
- Excellent base for converty-applied coatings
- Solvent-free coatings
- Ideal support fo water-based ink printing on acrylic side
- Improved barrier to Mineral Oils compared to non-barrier film<sup>(1)</sup>
- Significant mineral oils contamination protection period of more than 2 years



## General

### Availability

- |                        |                |          |
|------------------------|----------------|----------|
| ✓ Africa & Middle East | ✓ Asia Pacific | ✓ Europe |
|------------------------|----------------|----------|

### Features

- |                  |                          |                              |
|------------------|--------------------------|------------------------------|
| ✓ Acrylic Coated | ✓ Flavor & Aroma Barrier | ✓ In Lamination Lap Sealable |
| ✓ Gas Barrier    | ✓ Moisture Barrier       | ✓ Oxygen Barrier             |
| ✓ PVdC Coated    | ✓ Sealable PVdC Coated   | ✓ Light Barrier              |

### Applications

- |                            |                     |                                  |
|----------------------------|---------------------|----------------------------------|
| ✓ Biscuits/Cookie/Crackers | ✓ Box Overwrap      | ✓ Confectionery, Gum             |
| ✓ Confectionery, Sugar     | ✓ Bakery            | ✓ Fresh Produce                  |
| ✓ Confectionery, Chocolate | ✓ Frozen Food       | ✓ Health and Beauty Care         |
| ✓ Household and Detergents | ✓ Crisps and Snacks | ✓ Dry Foods and Beverage Powders |
| ✓ Ice Cream                |                     |                                  |

### Uses

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

### Appearance

- |         |
|---------|
| ✓ White |
|---------|

### Processing Method

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

Properties & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	28400	in²/lb	Internal Method
Unit Weight	15.2	lb/ream	Internal Method
Film Thickness	1.4	mil	Internal Method
Gloss (45°)			
PVdC Surface	100		Internal Method
Light Transmission	22.0	%	Internal Method
Tensile Strength at Break			
7.9 in/min pull rate, 4.9 in jaw separation			
MD	16700	psi	Internal Method
TD	24700	psi	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-6.0	%	Internal Method
Elongation at Break			
7.9 in/min pull rate, 4.9 in jaw separation			
MD	130	%	Internal Method
TD	50	%	Internal Method
Elastic Modulus			
MD	218000	psi	Internal Method
TD	363000	psi	Internal Method
Minimum Sealing Temperature (Min 300g/25mm)			
Acrylic/Acrylic			
25N/cm2 - 0,5 sec - Flat/Flat	95	°F	Internal Method
Heat Seal Range (RDM)			
RDM - 25N/cm² - 0.5 sec - Flat/Flat			
Acrylic/Acrylic	131	°F	Internal Method
RDM - 25N/cm² - 0.5 sec - Flat/Flat			
PVdC/PVdC	122	°F	Internal Method
Coefficient of Friction			
Acrylic/Acrylic	0.25		Internal Method
PVdC/PVdC	0.35		Internal Method
Water Vapor Transmission Rate			
100°F, 90% RH	0.31	g/100 in²/24 hr	Internal Method
Oxygen Transmission Rate			
73°F, 0% RH	1.3	cm³/100 in²/24 hr	Internal Method

TYPICAL PROPERTIES : these are not to be construed as specifications

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: <https://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.

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

- March 27, 2024

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