

## Oppalyte™ 50MO747

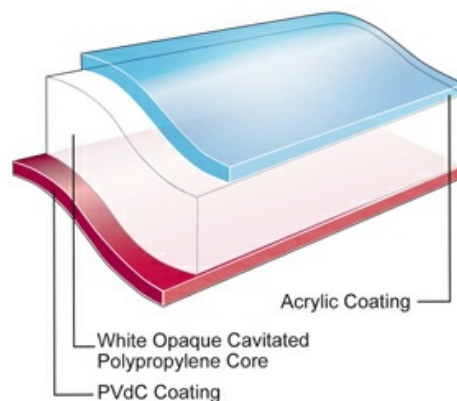
### Oriented Polypropylene Film

#### Product Description

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



### General

#### Availability

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

#### Features

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

#### Applications

- ✓ 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

#### Uses

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

## Revision date

- ✓ October 10, 2013

## Properties

Property	Typical Value	Unit	Test Based On
Yield	29.9	m <sup>2</sup> /kg	Internal Method
Unit Weight	33.4	g/m <sup>2</sup>	Internal Method
Film Thickness	50	μ	Internal Method
Gloss(45°)	100		Internal Method
Light Transmission	16.5	%	Internal Method
Tensile Strength at Break			
MD	115	Mpa	Internal Method
TD	170	Mpa	Internal Method
Elongation at Break			
MD	130	%	Internal Method
TD	50	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-6.0	%	Internal Method
Elastic Modulus			
TD	2500	Mpa	Internal Method
Seal Strength (ESM)			
PVdC/PVdC			
115°C, 0.034 Mpa, 2 sec	300	g/2.5 cm	Internal Method
Acrylic/Acrylic			
105°C, 0.034 Mpa, 2 sec	300	g/2.5 cm	Internal Method
Heat Seal Range			
Acrylic/Acrylic	50	°C	Internal Method
PVdC/PVdC	30	°C	Internal Method
Coefficient of Friction	0.25		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	3.4	g/m <sup>2</sup> /24 hr	Internal Method
23°C, 85% RH	0.60	g/m <sup>2</sup> /24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	20	cm <sup>3</sup> /m <sup>2</sup> /24 hr	Internal Method
Oxygen Transmission Rate (Wet)			
23°C, 75% RH	20.0	cm <sup>3</sup> /m <sup>2</sup> /24 hr	Internal Method

## Legal Statement

Contact your Jindal Films Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB). This product is not intended for use in medical applications and should not be used in any such applications.

## Processing Statement

- Standard reel winding: Acrylic outside

## Footnotes

1. Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete country availability.

2. Tested at 38°C (100°F)/100%RH, then calculated to 90%RH with .90 multiplier.
3. Sample dimensions and conditioning vary due to differences in equipment design.

Typical properties: these are not to be construed as specifications.

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