

Oppalyte™ 40MD447

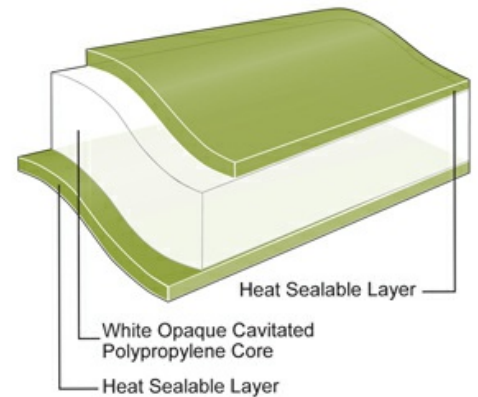
Oriented Polypropylene Film

Product Description

OPPalyte 40MD447 is a coextruded super white opaque, modified higher density, biaxially oriented polypropylene film, heat sealable on both sides. This opaque and extremely stiff film is ideal for use on VFFS and HFFS machines.

Key Features

- Exceptional stiffness and flex resistance
- Good seal strength
- Excellent dimensional stability
- Good hot slip
- Good hot tack



General

Availability

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

Features

- ✓ In Lamination Lap Sealable
- ✓ Light Barrier

Applications

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

Uses

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

Appearance

- ✓ White

Processing Method

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

Revision date

 October 10, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	31.3	m ² /kg	Internal Method
Unit Weight	31.9	g/m ²	Internal Method
Film Thickness	40	μ	Internal Method
Gloss(45°)	55		Internal Method
Light Transmission	27.0	%	Internal Method
Whiteness Index	90		Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	120	Mpa	Internal Method
TD	200	Mpa	Internal Method
Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	160	%	Internal Method
TD	65	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-3.0	%	Internal Method
TD	-3.0	%	Internal Method
Elastic Modulus			
MD	1700	Mpa	Internal Method
TD	3200	Mpa	Internal Method
Seal Strength (Otto Brügger) 140°C, 0.3 Mpa, 2 sec			
	400	g/2.5 cm	Internal Method
Heat Seal Range			
Untreated/Treated	25	°C	Internal Method
Untreated/Untreated	30	°C	Internal Method
Coefficient of Friction			
Treated Surface	0.30		Internal Method
Untreated Surface	0.25		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	4.0	g/m ² /24 hr	Internal Method
23°C, 85% RH	0.80	g/m ² /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: Treated side 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.

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

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