

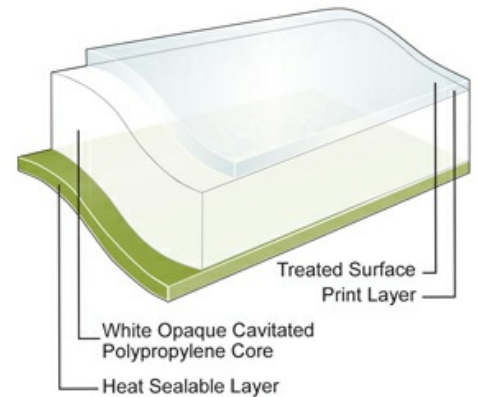
Oriented Polypropylene Film

Product Description

Oppalyte DO447 is a super white opaque cavitated BOPP film. The Diamex technology allows for super low density and very high yield. Diamex makes it possible to lower the density, without decreasing the modulus of elasticity, thereby not influencing the stiffness. This film is designed for heat seal and cold seal applications on HFFS s.

Key Features

- Very high yield
- Excellent stiffness & mechanical properties
- Bright white background and reduced show-through
- Superior light barrier
- High gloss
- Heat sealable and adapted to cold seal process
- Treated layer must be varnished to ensure good runnability on HFFS machine



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

- ✓ HFFS Flexible Packaging
- ✓ VFFS 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

 December 20, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	48.8	m ² /kg	Internal Method
Unit Weight	20.5	g/m ²	Internal Method
Film Thickness	38	μ	Internal Method
Gloss(45°)	70		Internal Method
Light Transmission	21.0	%	Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	85.0	Mpa	Internal Method
TD	120	Mpa	Internal Method
Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	110	%	Internal Method
TD	40	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-3.0	%	Internal Method
TD	-3.0	%	Internal Method
Elastic Modulus			
MD	1200	Mpa	Internal Method
TD	1800	Mpa	Internal Method
Seal Strength			
0.1 MPa, 0.8 sec	300	g/2.5 cm	Internal Method
Heat Seal Range			
0.250 Mpa, 0.2 sec	30	°C	Internal Method
Coefficient of Friction			
Untreated Surface	0.70		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.

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

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