

Oppalyte™ 40MH347

Preliminary

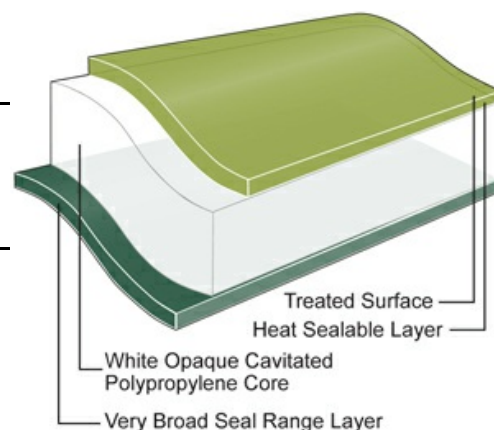
Oriented Polypropylene Film

Product Description

OPPalyte 40MH347 is a coextruded super white opaque, modified medium density, biaxially oriented polypropylene film. This opaque heat sealable film is ideal for use on HFFS machines.

Key Features

- Excellent stiffness and flex resistance
- Outstanding opacity, white background and reduced show-through
- Good moisture barrier
- Good seal strength
- Very broad sealing range



General

Availability

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

Features

- ✓ Moisture Barrier
- ✓ Very Broad Seal Range

Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Bakery
- ✓ Frozen Food
- ✓ Crisps and Snacks
- ✓ Confectionery, Gum
- ✓ Confectionery, Chocolate
- ✓ Health and Beauty Care
- ✓ Ice Cream
- ✓ Confectionery, Sugar
- ✓ Dairy Products
- ✓ Household and Detergents

Uses

- ✓ HFFS Flexible Packaging

Appearance

- ✓ White

Processing Method

- ✓ Inner Web Adhesive Lamination
- ✓ Surface Print
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing

Revision date

- ✓ December 20, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	34.5	m ² /kg	Internal Method
Unit Weight	29.0	g/m ²	Internal Method
Film Thickness	40	μ	Internal Method
Gloss(45°)	60		Internal Method
Light Transmission	29.0	%	Internal Method
Whiteness Index	90		Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	85.0	Mpa	Internal Method
TD	180	Mpa	Internal Method
Elongation at Break			
MD	170	%	Internal Method
TD	35	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-4.0	%	Internal Method
Elastic Modulus			
MD	1500	Mpa	Internal Method
TD	3000	Mpa	Internal Method
Seal Strength <i>Untreated Surface</i>			
140°C, 0.3 Mpa, 2 sec	400	g/2.5 cm	Internal Method
Heat Seal Range			
Untreated/Untreated	60	°C	Internal Method
Coefficient of Friction			
Treated/Treated	0.30		Internal Method
Untreated/Untreated	0.40		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	3.8	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: Available one-side treated 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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