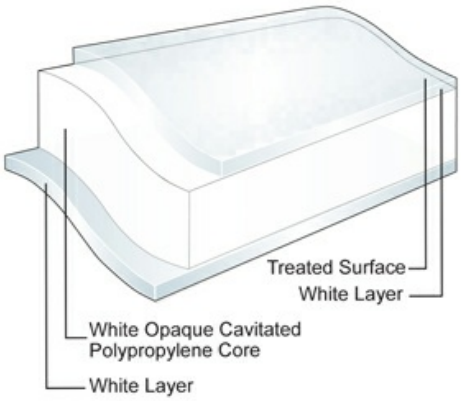
Oppalyte™ 40MH247

SI English

Oriented Polypropylene Film

Product Description

OPPalyte 40MH247 is a super white opaque, modified higher density, biaxially oriented polypropylene film. This opaque and stiff film is ideal for mono material requirements and it has been especially designed for cold seal applications.



Key Features

- Excellent stiffness and flex resistance
- Outstanding opacity, white background and reduced show-through
- Good moisture barrier
- Exceptional printability and receptivity to coatings
- Excellent support for cold seal adhesion

General

Availability

- Africa & Middle East
- Asia Pacific
- Europe

Features

- Light Barrier

Applications

- Biscuits/Cookie/Crackers
- Confectionery, Gum
- Confectionery, Sugar
- Bakery
- Confectionery, Chocolate
- Frozen Food
- Household and Detergents
- Crisps and Snacks
- Dry Foods and Beverage Powders
- Ice Cream

Uses

- HFFS 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
- Inner Web Extrusion Lamination

Revision date

- October 10, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	34.4	m²/kg	Internal Method
Unit Weight	29.0	g/m²	Internal Method
Film Thickness	40	µ	Internal Method
Gloss(45°)	70		Internal Method
Light Transmission	25.0	%	Internal Method
Whiteness Index	90		Internal Method
Tensile Strength at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	105	Mpa	Internal Method
TD	185	Mpa	Internal Method
Elongation at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	170	%	Internal Method
TD	55	%	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	2800	Mpa	Internal Method
Coefficient of Friction			
Untreated Surface	0.60		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	4.2	g/m²/24 hr	Internal Method
23°C, 85% RH	0.90	g/m²/24 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 identfied 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.