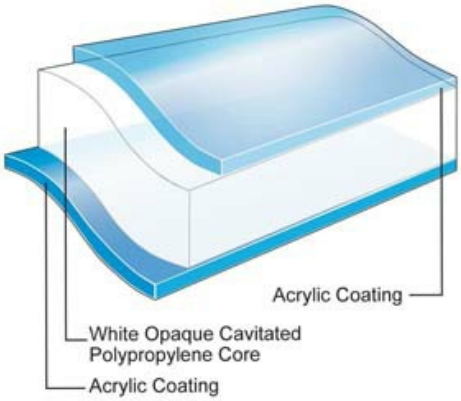
Oppalyte™ 52MH647

SI English

Oriented Polypropylene Film

Product Description

OPPalyte 52MH647 is a super white opaque, modified higher density, biaxially oriented polypropylene film, acrylic coated two sides. It provides outstanding performance on all packaging machines.



Key Features

- Low sealing threshold
- High seal strengths even under low pressure sealing
- Good aroma barrier
- Excellent packaging machine performance
- Outstanding opacity, white background and reduced show-through
- Excellent stiffness
- Ideal support for normal ink systems
- Water based coatings

General

Availability

- Africa & Middle East
- Asia Pacific
- Europe

Features

- Acrylic Coated
- Flavor & Aroma Barrier
- Light Barrier

Applications

- Biscuits/Cookie/Crackers
- Box Overwrap
- Confectionery, Gum
- Confectionery, Sugar
- Bakery
- Confectionery, Chocolate
- Health and Beauty Care
- Household and Detergents
- Crisps and Snacks
- Dry Foods and Beverage Powders
- Pet Food

Uses

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

Appearance

- White

Processing Method

- Cold Seal Adhesive
- Solvent Flexographic Printing
- Solvent Rotogravure Printing
- Surface Print Unsupported

Revision date

October 10, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	26.0	m²/kg	Internal Method
Unit Weight	38.5	g/m²	Internal Method
Film Thickness	52	µ	Internal Method
Gloss(45°)	70		Internal Method
Light Transmission	22.0	%	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	-4.0	%	Internal Method
TD	-2.0	%	Internal Method
Elastic Modulus			
MD	1700	Mpa	Internal Method
TD	2800	Mpa	Internal Method
Seal Strength (ESM)			
105°C, 0.034 Mpa, 2 sec	300	g/2.5 cm	Internal Method
Coefficient of Friction			
Both Sides	0.25		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	3.0	g/m²/24 hr	Internal Method
23°C, 85% RH	0.50	g/m²/24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	650	cm³/m²/24 hr	Internal Method
Oxygen Transmission Rate (Wet)			
23°C, 75% RH	650	cm³/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.

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.
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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