

Oppalyte™ 52MHR647

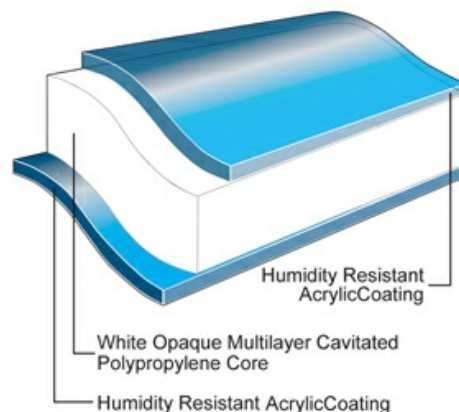
Oriented Polypropylene Film

Product Description

OPPalyte 52MHR647 is a super-white opaque, modified higher density, biaxially oriented polypropylene film, humidity resistant acrylic coated two sides. This film is designed to wrap products with a high moisture content or products stored in humid conditions. It provides outstanding performance on all packaging machines.

Key Features

- Excellent humidity seal retention on both sides
- 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

- ✓ Flavor & Aroma Barrier
- ✓ Humidity Resistant
- ✓ Light Barrier
- ✓ Humidity Resistant Acrylic Coated

Applications

- ✓ Box Overwrap
- ✓ Bakery
- ✓ Fresh Produce
- ✓ Frozen Food
- ✓ Health and Beauty Care
- ✓ Household and Detergents
- ✓ Ice Cream
- ✓ Industrial

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	26.2	m ² /kg	Internal Method
Unit Weight	38.2	g/m ²	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 <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	105	Mpa	Internal Method
TD	185	Mpa	Internal Method
Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
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
Heat Seal Range 0.250 Mpa, 0.2 sec			
	50	°C	Internal Method
Coefficient of Friction Both Sides			
	0.25		Internal Method
Oxygen Transmission Rate 23°C, 0% RH			
	650	cm ³ /m ² /24 hr	Internal Method
Oxygen Transmission Rate (Wet) 23°C, 75% RH			
	650	cm ³ /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.

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. 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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