

Oppalyte™ 40MW647

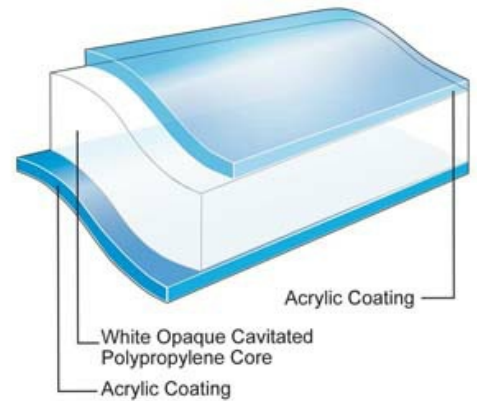
Oriented Polypropylene Film

Product Description

OPPalyte 40MW647 is a super white opaque biaxially oriented polypropylene film acrylic coated two sides. It provides outstanding performances on all types of packaging machines.

Key Features

- Outstanding opacity, white background and reduced show-through
- Broad sealing range on both sides
- Low sealing threshold on both sides
- Good aroma and moisture barriers
- Excellent light barrier
- High yield
- Good stiffness
- Solvent-free coatings
- Ideal support for water based ink printing
- Excellent hot tack
- Printable both sides



General

Availability

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

Features

- ✓ Acrylic Coated
- ✓ Flavor & Aroma Barrier
- ✓ In Lamination Lap Sealable
- ✓ 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

Uses

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

Revision date

- ✓ October 10, 2013

Properties

| Property | Typical Value | Unit | Test Based On |
|--|---------------|--|-----------------|
| Yield | 39.0 | m ² /kg | Internal Method |
| Unit Weight | 25.6 | g/m ² | Internal Method |
| Film Thickness | 40 | μ | Internal Method |
| Gloss(45°) | 75 | | Internal Method |
| Light Transmission | 22 | % | Internal Method |
| Whiteness Index | 82 | | Internal Method |
| Tensile Strength at Break 200 mm/min pull rate, 120 mm jaw separation | | | |
| MD | 100 | Mpa | Internal Method |
| TD | 140 | Mpa | Internal Method |
| Elongation at Break 200 mm/min pull rate, 120 mm jaw separation | | | |
| MD | 130 | % | Internal Method |
| TD | 40 | % | Internal Method |
| Dimensional Stability 135°C / 275°F, 7 min | | | |
| MD | -5.0 | % | Internal Method |
| TD | -4.0 | % | Internal Method |
| Elastic Modulus | | | |
| MD | 1400 | Mpa | Internal Method |
| TD | 2200 | Mpa | Internal Method |
| Seal Strength (ESM) 105°C, 0.034 Mpa, 2 sec | | | |
| | 300 | g/2.5 cm | Internal Method |
| Heat Seal Range 0.250 Mpa, 0.2 sec | | | |
| | 50 | °C | Internal Method |
| Coefficient of Friction Both Sides | | | |
| | 0.25 | | Internal Method |
| Water Vapor Transmission Rate 38°C, 90% RH | | | |
| | 5.2 | g/m ² /24 hr | Internal Method |
| 23°C, 85% RH | | | |
| | 1.1 | g/m ² /24 hr | Internal Method |
| Oxygen Transmission Rate 23°C, 0% RH | | | |
| | 800 | cm ³ /m ² /24 hr | Internal Method |
| Oxygen Transmission Rate (Wet) 23°C, 75% RH | | | |
| | 800 | 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. 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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