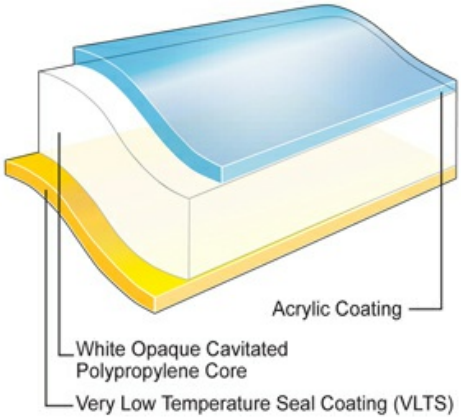
Oppalyte™ 40MW648

SI English

Oriented Polypropylene Film

Product Description

OPPalyte 40MW648 is a high speed super white opaque, biaxially oriented polypropylene film, coated one side acrylic, one side very low temperature seal (VLTS) coating. VLTS coating provides an excellent performance on high speed HFFS machines. Acrylic provides a good aroma barrier and an excellent surface for printability.



Key Features

- Exceptional wide sealing range with a low minimum seal temperature (MST)
- Excellent seal strength and hot-tack
- Robust performance on horizontal flowpack machines
- Excellent humidity seal retention on VLTS Side
- Good aroma barrier
- Outstanding opacity, white background and reduced show-through
- High yield
- Ideal support for normal ink systems
- Water-based coatings

General

Availability

- Africa & Middle East
- Asia Pacific
- Europe

Features

- Acrylic Coated
- Flavor & Aroma Barrier
- Humidity Resistant
- Very Broad Seal Range
- Light Barrier
- Very Low Temperature Seal (VLTS) Coated

Applications

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

Uses

- HFFS Flexible Packaging

Appearance

- White

Processing Method

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

Revision date

December 20, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	39.2	m²/kg	Internal Method
Unit Weight	25.5	g/m²	Internal Method
Film Thickness	40	µ	Internal Method
Gloss(45°)	75		Internal Method
Light Transmission	22.0	%	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)			
VLTS/VLTS			
85°C, 0.034 Mpa, 2 sec	300	g/2.5 cm	Internal Method
Heat Seal Range			
VLTS/VLTS	70	°C	Internal Method
Coefficient of Friction			
Acrylic/Acrylic	0.25		Internal Method
VLTS/VLTS	0.50		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	5.2	g/m²/24 hr	Internal Method
23°C, 85% RH	1.1	g/m²/24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	800	cm³/m²/24 hr	Internal Method
Oxygen Transmission Rate (Wet)			
23°C, 75% RH	800	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.

Processing Statement

Acrylic and VLTSC are not seal compatible.

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.