Jindal Films

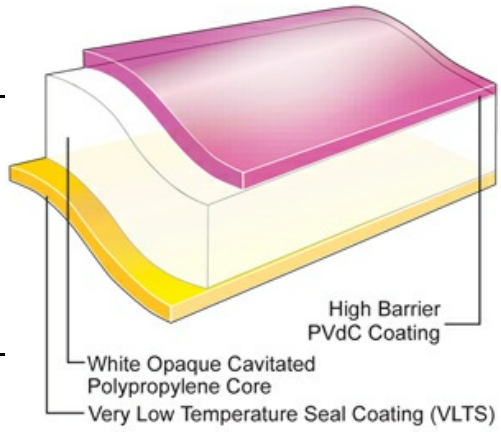
Oppalyte™ 42AH748

SI English

Oriented Polypropylene Film

Product Description

OPPalyte 42AH748 is a high barrier, high-speed, super-white opaque, modified higher density biaxially oriented polypropylene film, coated one side high barrier PVdC, one side very low temperature seal (VLTS) coating. High barrier PVdC coating provides excellent moisture, gas and aroma protection for all types of products. VLTS coating provides excellent performance on high speed HFFS machines.



Key Features

- Excellent moisture, oxygen and aroma barriers
- Exceptional wide sealing range with low minimum sealing temperature (MST)
- Excellent seal strength and hot tack
- Robust performance on horizontal flow pack machines
- Excellent humidity seal retention
- Excellent stiffness
- Outstanding opacity, white background and reduced show-through
- Water based coatings

General

Availability

- Africa & Middle East
- Asia Pacific
- Europe

Features

- Flavor & Aroma Barrier
- Gas Barrier
- Moisture Barrier
- Oxygen Barrier
- Humidity Resistant
- Very Broad Seal Range
- Light Barrier
- High Barrier Printable PVdC Coated
- Very Low Temperature Seal (VLTS) Coated

Applications

- Biscuits/Cookie/Crackers
- Box Overwrap
- Confectionery, Gum
- Confectionery, Sugar
- Bakery
- Confectionery, Chocolate
- Frozen Food
- 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

- July 16, 2014

Properties

Property	Typical Value	Unit	Test Based On
Yield	30.9	m²/kg	Internal Method
Unit Weight	32.4	g/m²	Internal Method
Film Thickness	43	µ	Internal Method
Gloss(45°)			
PVdC Surface	85		Internal Method
Light Transmission	25.0	%	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
Dimensional Stability 135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-3.0	%	Internal Method
Elongation at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	170	%	Internal Method
TD	55	%	Internal Method
Elastic Modulus			
MD	1700	Mpa	Internal Method
TD	2800	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			
PVdC/PVdC	0.28		Internal Method
VLTS/VLTS	0.40		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	20	cm³/m²/24 hr	Internal Method
Oxygen Transmission Rate (Wet)			
23°C, 75% RH	20.0	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

- PVdC and VLTSC coatings 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.