

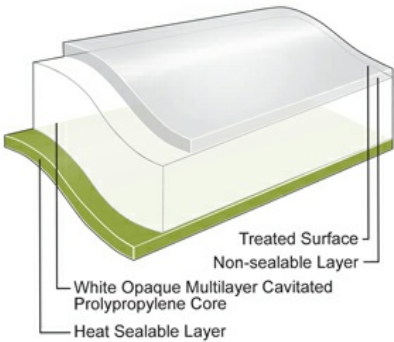
OPPalyte™ 278 WOS-2

Oriented Polypropylene Film



Product Description

OPPalyte WOS-2 is a one-side treated, one-side sealable, white opaque OPP film with a proprietary cavitated core. WOS-2 was developed to provide performance improvements over 278 WOS in terms of lower and more consistent COF, lower MST, and improved print performance. WOS-2 was developed and designed for frozen novelty applications. The stiffness, slip characteristics, and sealability of WOS-2 have been optimized to provide outstanding performance on multi-lane equipment.



Key Features

- Outstanding opacity
- Robust machinability
- Heat seal range of approximately 115°F (63°C)
- Average seal strengths over 480 g/in (480 g/2.5 cm)
- Bright white appearance

General

Availability

- ✓ Latin America
- ✓ North America
- ✓ South America

Features

- ✓ In Lamination Lap Sealable
- ✓ Light Barrier

Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Bakery
- ✓ Dairy Products
- ✓ Ice Cream

Uses

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

Appearance

- ✓ White

Processing Method

- ✓ Inner Web Adhesive Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Surface Print Unsupported
- ✓ Water-based Flexographic Printing
- ✓ Inner Web Extrusion Lamination

Properties & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	39.5	m ² /kg	Internal Method
Unit Weight	25.2	g/m ²	Internal Method
Film Thickness	42	µm	Internal Method
Gloss (45°)			
Treated Surface	70		Internal Method
Opacity	85	%	Internal Method
Light Transmission	24.0	%	Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	78.6	Mpa	Internal Method
TD	123	Mpa	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-4.5	%	Internal Method
TD	-4.0	%	Internal Method
Crimp Seal Strength			
Untreated/Untreated			
99°C, 0.1 Mpa, 0.75 sec	480	g/2.5 cm	Internal Method
Crimp Seal (MST)			
Untreated/Untreated	86	°C	Internal Method
Coefficient of Friction			
Treated/Treated	0.36		Internal Method
Wettability			
Treated Surface	0.80	receding cos θ	Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	4.8	g/m ² /24 hr	Internal Method

TYPICAL PROPERTIES : these are not to be construed as specifications

Food Contact

Any further regulatory information on this product (i.e. Food Contact application, Presence/absence of substances, Reach, ...) are accessible on the below link: <https://www.jindalfilms.com/login-register-docmg/>

Legal Statement

This product is not intended for or supported for use in pharmaceutical or medical applications requiring compliance with EU or US Pharmacopeia.

Processing Statement

- WOS-2 contains a non-migratory slip package for excellent machinability and hot slip without compromising appearance or seals. Do not retreat.
- WOS-2 should be primed for extrusion laminations or when laminating with high-barrier PVdC to ensure consistent adhesion.
- WOS-2 may need to be primed when surface printing with water-based inks.
- WOS-2 is lap sealable to coextruded films.

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.

Revision date

- November 22, 2023

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