

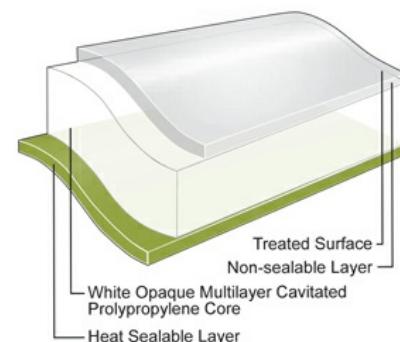
OPPalyte™ WOS-2 - Oriented Polypropylene Film



FLEXIBLE PACKAGING PRODUCT DATA SHEET

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

Properties & Typical Values

Properties	Unit	278 WOS-2	Test Method
Yield	m ² /kg	39.5	ITM 01
Unit Weight	g/m ²	25.2	ITM 01
Film Thickness	µm	42	ITM 02
Gloss (45°) - Treated Surface		70	ITM 14
Opacity	%	85	ITM 13
Light Transmission	%	24.0	ITM 06
Tensile Strength at Break - MD TD 510 mm/min pull rate, 50 mm jaw separation	Mpa	78.6 123	ITM 50
Dimensional Stability 135°C / 275°F, 7 min - MD TD	%	-4.5 -4.0	ITM 37
Seal Strength (RDM) - 99°C, 0.1 Mpa, 0.75 sec Untreated/Untreated	g/2.5 cm	480	ITM26
Crimp Seal (MST) - Untreated/Untreated	°C	86	
Coefficient of Friction - Treated/Treated		0.36	ITM 20
Wettability - Treated Surface	receding cos θ	0.80	ITM 17
Water Vapor Transmission Rate - 38°C, 90% RH	g/m ² /24 hr	4.8	ITM 46

TYPICAL VALUES SHOULD NOT BE CONSTRUED AS FINISHED PRODUCT SPECIFICATIONS (FPS).

Market Segments

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

Applications

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

Processing Method

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

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: <http://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.

Storage

You will find all information about storage conditions into the sign in area of our website <http://www.jindalfilms.com/login-register-docmg/>, under the section "Information on food safety and quality practices". The name of the document is "Storage recommendations".

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.

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