

Oppalyte[™] 38MO447



Oriented Polypropylene Film

Product Description

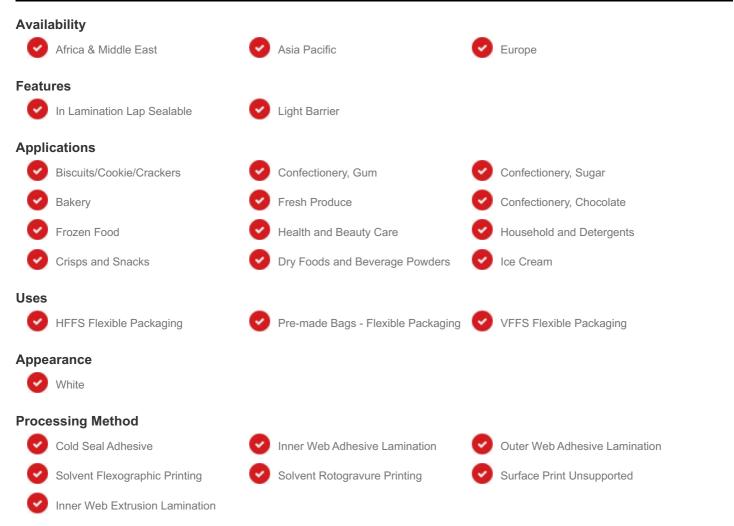
Coextruded white opaque, low density, biaxially oriented polypropylene film, heat sealable on the inside. The treated layer must be printed and varnished to provide the necessary slip properties for optimum machinability. Used mostly as a single web, 38MO447 gives outstanding results on the HFFS packaging machines, and is particularly well designed for the ice-cream applications.

Key Features

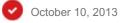
- White opaque background and reduced show-through
- Superior light barrier
- Excellent dimensional stability and stiffness
- Extra high yield
- High gloss
- Good seal strength and sealing range
- Exceptional printability and receptivity to coatings

Treated Surface White Opaque Cavitated Polypropylene Core Heat Sealable Layer

General



Revision date



Properties

Property	Typical Value	Unit	Test Based On
Yield	42.4	m²/kg	Internal Method
Unit Weight	23.6	g/m²	Internal Method
Film Thickness	38	μ	Internal Method
Gloss(45°)	90		Internal Method
Light Transmission	21.0	%	Internal Method
Tensile Strength at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	100	Мра	Internal Method
TD	155	Мра	Internal Method
Elongation at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	140	%	Internal Method
TD	50	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-6.0	%	Internal Method
TD	-6.0	%	Internal Method
Elastic Modulus			
MD	1300	Мра	Internal Method
TD	2100	Мра	Internal Method
Seal Strength (Otto Brugger)			
130°C, 0.3 Mpa, 0.2 sec	400	g/2.5 cm	Internal Method
Heat Seal Range			
0.250 Mpa, 0.2 sec	30	°C	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

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

• Standard reel winding: Treated side outside

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.

Typical properties: these are not to be construed as specifications.

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