

## Metallyte™ 38ICE M

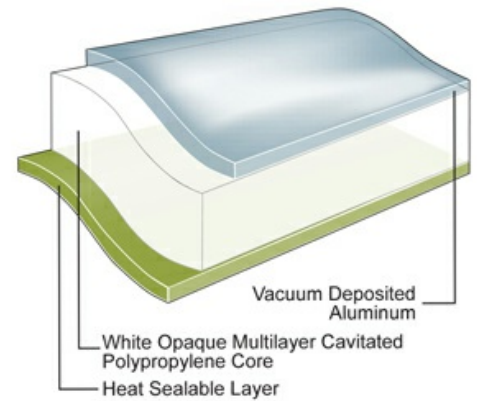
### Oriented Polypropylene Film

#### Product Description

Coextruded super white opaque, low density, biaxially oriented polypropylene film, metallized on one side. This film is designed for HFFS applications, heat seal or cold seal.

#### Key Features

- High yield
- Outstanding opacity and light barrier
- Brilliant metal appearance on one side, bright white background on the other side.
- Well adapted to cold seal process
- High COF inside to optimize efficiency (product positioning)
- Metal surface must be varnished to be protected



#### General

##### Availability

- ✓ Africa & Middle East
- ✓ Asia Pacific
- ✓ Europe

##### Features

- ✓ Light Barrier

##### Applications

- ✓ Frozen Food
- ✓ Ice Cream

##### Uses

- ✓ HFFS Flexible Packaging

##### Appearance

- ✓ Metalized-White

##### Processing Method

- ✓ Cold Seal Adhesive
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Surface Print Unsupported

##### Revision date

- ✓ October 10, 2013

## Properties

Property	Typical Value	Unit	Test Based On
Yield	42.4	m <sup>2</sup> /kg	Internal Method
Unit Weight	23.6	g/m <sup>2</sup>	Internal Method
Film Thickness	38	μ	Internal Method
Gloss(45°)	75		Internal Method
Optical Density	3.6		Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	100	Mpa	Internal Method
TD	155	Mpa	Internal Method
Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
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	Mpa	Internal Method
TD	2100	Mpa	Internal Method
Seal Strength (Otto Brügger) 130°C, 0.3 Mpa, 0.2 sec			
	350	g/2.5 cm	Internal Method
Heat Seal Range 0.250 Mpa, 0.2 sec			
	30	°C	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: Metallized side outside

-In most cases, in- treatment and priming are recommended on the metallized surface for printing. In- treatment is suggested on the metallized surface for extrusion laminating and water-based adhesive laminating. Consult Jindal Films Technical Service for details.

## 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.

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

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