

## Metallyte™ 38MW280

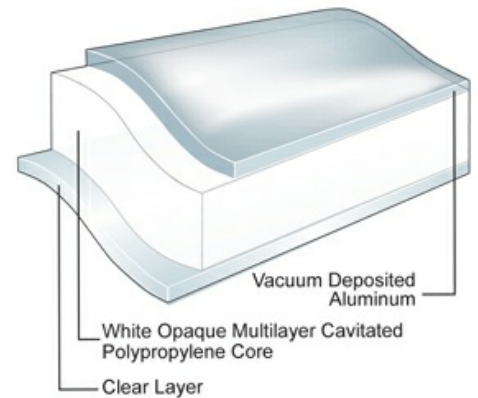
### Oriented Polypropylene Film

#### Product Description

Metallyte 38MW280 is a super white opaque biaxially oriented polypropylene film, metallized on one side. Ideal for single web packaging applications on HFFS in combination with cold seal.

#### Key Features

- Outstanding opacity and light barrier
- Good moisture barrier
- Excellent adhesion of aluminum to film
- Extra high yield
- Excellent metal appearance
- Bright white background one side
- High gloss
- Exceptional printability and receptivity to coatings
- Excellent support for cold seal with high seal strength



#### General

##### Availability

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

##### Features

- ✓ Light Barrier

##### Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Confectionery, Gum
- ✓ Confectionery, Sugar
- ✓ Bakery
- ✓ Confectionery, Chocolate
- ✓ Frozen Food
- ✓ Health and Beauty Care
- ✓ Household and Detergents
- ✓ Pet Food

##### Uses

- ✓ Box Overwrap Flexible Packaging
- ✓ HFFS Flexible Packaging

##### Appearance

- ✓ Metalized-White

##### Processing Method

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

##### Revision date

- ✓ December 26, 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	2.3		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
Elastic Modulus			
MD	1300	Mpa	Internal Method
TD	2100	Mpa	Internal Method
Water Vapor Transmission Rate 38°C, 90% RH			
	3.0	g/m <sup>2</sup> /24 hr	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-6.0	%	Internal Method
TD	-6.0	%	Internal Method
Whiteness Index	90		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

- 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.
2. Tested at 38°C (100°F)/100%RH, then calculated to 90%RH with .90 multiplier.
3. Optical density value represents only the metal layer on the film.

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

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