

Metallyte[™] 35MU842

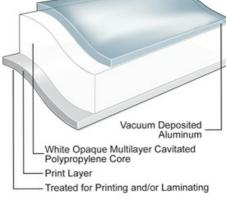
Oriented Polypropylene Film

Product Description

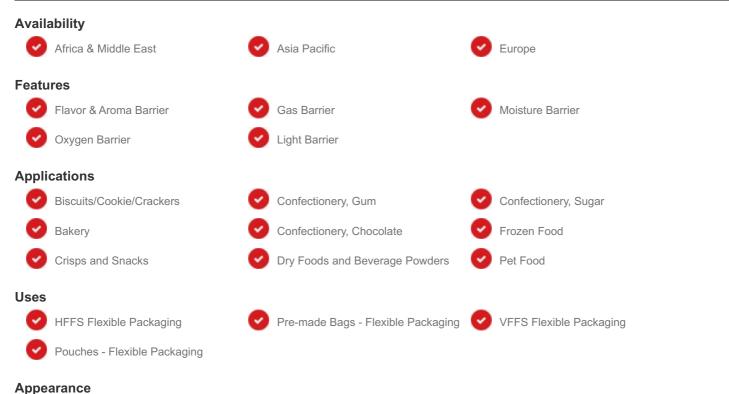
MU842 is a metallized high opacity white oriented polypropylene film. It is a biaxially oriented, multi-layer polypropylene film with aluminum deposited on an adhesion promoting layer. The proprietary core and a modified outer skin provide the film with outstanding opacity and bright white background. Designed for use in laminations as well as in single web (with cold seal), this film combines superior barrier properties with excellent machinability. Jindal Films advises printing this film on the white side to minimize risk of optical defects.

Key Features

- High opacity and bright white background
- Clean white appearance on white side
- Excellent aluminum adhesion to film
- Outstanding moisture and gas barriers
- Extraordinary flavor and aroma barriers
- The treated surface offers excellent print quality, ink, cold seal and adhesive anchorage



General



Metalized-White



Processing Method



Solvent Flexographic Printing

Outer Web Extrusion Lamination

Inner Web Adhesive Lamination

Solvent Rotogravure Printing

Inner Web Extrusion Lamination



Outer Web Adhesive Lamination

Extrusion Coating

Revision date

October 10, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	39.7	m²/kg	Internal Method
Unit Weight	25.2	g/m²	Internal Method
Film Thickness	35	μ	Internal Method
Gloss(45°)	90		Internal Method
Optical Density	2.5		Internal Method
Tensile Strength at Break			
200 mm/min pull rate, 120 mm jaw separa	ation		
MD	105	Мра	Internal Method
TD	210	Мра	Internal Method
Elongation at Break			
200 mm/min pull rate, 120 mm jaw separa	ation		
MD	170	%	Internal Method
TD	50	%	Internal Method
Elastic Modulus			
MD	1500	Мра	Internal Method
TD	2600	Мра	Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	0.10	g/m²/24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	0.10	cm³/m²/24 hr	Internal Method
Dimensional Stability 135°C / 275°F, 7 mi	n		
MD	-4.0	%	Internal Method
TD	-4.0	%	Internal Method
Treatment	41	dyne/cm	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
- 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. Sample dimensions and conditioning vary due to differences in equipment design.

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

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