

Digilyte™ 42MHD146

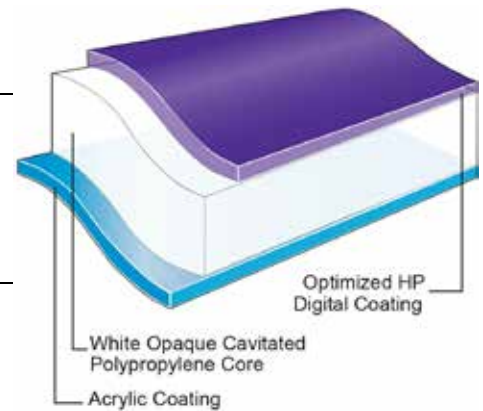
Oriented Polypropylene Film

Product Description

Digilyte™ 42MHD146 is a super-white opaque, modified higher density, biaxially oriented polypropylene film, coated one side acrylic, one side digital coating. Coatings provide excellent performance on packaging machines, aroma barrier and an excellent support for printing on HP digital presses.

Key Features

- Ideal for printing on HP digital presses
- HP Indigo approved '3 stars' coating
- Robust performance on packaging machines
- Good aroma barrier
- Excellent stiffness
- Outstanding opacity, white background and reduced show-through
- Film food contact approved



General

Availability

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

Features

- ✓ Flavor & Aroma Barrier
- ✓ Moisture Barrier
- ✓ Very Broad Seal Range
- ✓ Light Barrier
- ✓ ElectroInk Receptive Coated

Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Confectionery, Gum
- ✓ Confectionery, Sugar
- ✓ Bakery
- ✓ Confectionery, Chocolate
- ✓ Crisps and Snacks

Uses

- ✓ HFFS Flexible Packaging

Appearance

- ✓ White

Processing Method

- ✓ Digital Offset (HP Indigo) Printing

Revision date

March 09, 2016

Properties

Property	Typical Value	Unit	Test Based On
Yield	32.2	m ² /kg	Internal Method
Unit Weight	31.0	g/m ²	Internal Method
Film Thickness	42	μ	Internal Method
Gloss(45°)	70		Internal Method
Light Transmission	25.0	%	Internal Method
Whiteness Index	85		Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	105	Mpa	Internal Method
TD	185	Mpa	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-3.0	%	Internal Method
Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	170	%	Internal Method
TD	55	%	Internal Method
Elastic Modulus			
MD	1700	Mpa	Internal Method
TD	2800	Mpa	Internal Method
Coefficient of Friction			
Acrylic/Acrylic	0.25		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	4.0	g/m ² /24 hr	Internal Method
23°C, 85% RH	0.80	g/m ² /24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	750	cm ³ /m ² /24 hr	Internal Method
Oxygen Transmission Rate (Wet)			
23°C, 75% RH	750	cm ³ /m ² /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

- Acrylic and Digilyte coatings are not seal compatible

Footnotes

- Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete country availability.
- Tested at 38°C (100°F)/100%RH, then calculated to 90%RH with .90 multiplier.
- Sample dimensions and conditioning vary due to differences in equipment design.

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

Count on Jindal Films

Jindal Films is a leading global OPP film supplier with the broadest range of aqueous coated film solutions for the flexible packaging market. If you're looking to develop innovative flexible packaging solutions, try Digilyte films from Jindal Films.

Contact your Jindal Films representative for more information

www.jindalfilms.com

info@jindalfilms.com

