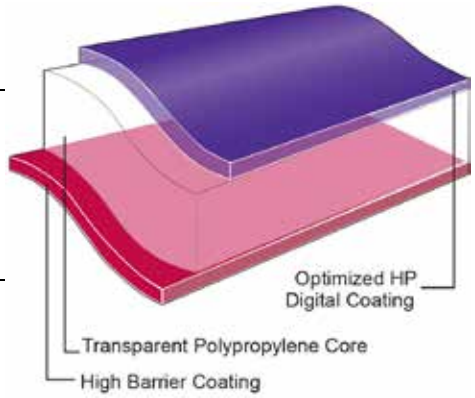
Digilyte™ 32MBD167

Oriented Polypropylene Film

Product Description

Digilyte™ 32MBD167 is a high gas barrier, biaxially oriented transparent polypropylene film, coated one side PVDC and one side Digital coating. Film provides excellent moisture, gas and aroma protection for all types of products and excellent performance on packaging machines.



Key Features

- Ideal for printing on HP digital presses
- HP Indigo approved ´3 stars´ coating
- Excellent moisture, oxygen and aroma barriers
- Robust performance on packaging machines
- Excellent seal retention in humid conditions
- Outstanding optical properties
- Film food contact approved

General

Availability

- North America
- Africa & Middle East
- Asia Pacific
- Europe

Features

- Flavor & Aroma Barrier
- Gas Barrier
- Moisture Barrier
- Oxygen Barrier
- Humidity Resistant
- ElectroInk Receptive Coated

Applications

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

Uses

- HFFS Flexible Packaging
- VFFS Flexible Packaging

Appearance

- Clear/Transparent

Processing Method

- Digital Offset (HP Indigo) Printing

Revision date

March 09, 2016

Digilyte™ films

Properties

Property	Typical Value	Unit	Test Based On
Yield	34.0	m^2/kg	Internal Method
Unit Weight	29.4	g/m^2	Internal Method
Film Thickness	32	µ	Internal Method
Gloss(45°)	98		Internal Method
Haze	1.7	%	Internal Method
Tensile Strength at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	135	Mpa	Internal Method
TD	275	Mpa	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-5.0	%	Internal Method
Elongation at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	200	%	Internal Method
TD	65	%	Internal Method
Elastic Modulus			
MD	2200	Mpa	Internal Method
TD	3500	Mpa	Internal Method
Coefficient of Friction			
PVdC/PVdC	0.28		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	3.0	$g/m^2/24$ hr	Internal Method
23°C, 85% RH	0.80	$g/m^2/24$ hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	20	$cm^3/m^2/24$ hr	Internal Method
Oxygen Transmission Rate (Wet)			
23°C, 75% RH	20.0	$cm^3/m^2/24$ 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

Barrier and Digilyte coatings are not seal compatible.

Footnotes

1. Product may not be available in one or more countries in the identfied 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. 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

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