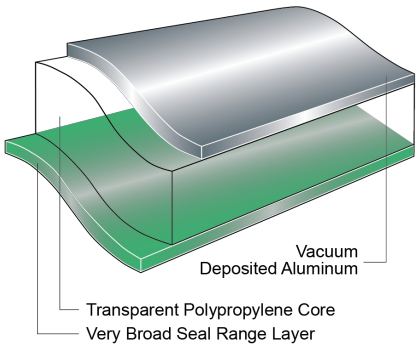
Metallyte™ MLB20

Oriented Polypropylene Film

Product Description

Metallyte™ MLB20 is an enhanced-barrier clear metallized film designed for heat sealable applications. Due to its low temperature sealing face and very wide sealing range, MLB offers an excellent performance on HFFS machines and ensures excellent bond strength when laminated to other substrates. The improved barrier properties make it an excellent choice for packaging of sensitive products, combining great product protection and yield advantage.



Key Features

- Very broad sealing range
- Very good moisture and light barrier
- Good oxygen barrier
- Excellent adhesion of aluminum to film
- Outstanding metal appearance

General

Availability

- Africa & Middle East
- Asia Pacific
- Europe

Features

- Gas Barrier
- Moisture Barrier
- Very Broad Seal Range
- Light Barrier

Applications

- Biscuits/Cookie/Crackers
- Confectionery, Gum
- Confectionery, Sugar
- Bakery
- Confectionery, Chocolate
- Household and Detergents
- Pet Food

Uses

- HFFS Flexible Packaging

Appearance

- Metallized - Clear

Processing Method

- Inner Web Adhesive Lamination

Properties & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	54.9	m²/kg	Internal Method
Unit Weight	18.2	g/m²	Internal Method
Film Thickness	20	µm	Internal Method
Optical Density	2.2		Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-5	%	Internal Method
TD	-3,5	%	Internal Method
Elongation at Break			
MD	180	%	Internal Method
TD	55	%	Internal Method
Elastic Modulus			
MD	2000	Mpa	Internal Method
TD	3700	Mpa	Internal Method
Minimum Sealing Temperature (Min 300g/25mm)			
Unmetallized side			
25N/cm2 - 0,5 sec - Flat/Flat	66	°C	Internal Method
Heat Seal Range (RDM)			
Unmetallized side – RDM – 25N/cm2 – 0.5 sec – Flat/Flat	84	°C	Internal Method
Coefficient of Friction			
Film/film, untreated side	0.40		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	0.25	g/m²/24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	40	cm³/m²/24 hr	Internal Method

TYPICAL PROPERTIES : these are not to be construed as specifications

Food Contact

Any further regulatory information on this product (i.e. Food Contact application, Presence/absence of substances, Reach, …) are accessible on the below link: https://www.jindalfilms.com/login-register-docmg/

Legal Statement

This product is not intended for or supported for use in pharmaceutical or medical applications requiring compliance with EU or US Pharmacopeia.

Processing Statement

- In-line treatment and priming are recommended for printing on the metalized surface.
- In-line treatment of the metalized surface is suggested for laminating.
- Contact your Jindal Films Technical Service Representative for processing recommendations and guidelines.

Footnotes

Please contact your Sales Representative for complete country availability.

Revision date

- March 28, 2024

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