

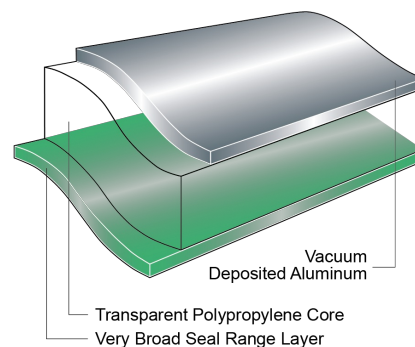
Metallyte™ MLB - Oriented Polypropylene Film



FLEXIBLE PACKAGING PRODUCT DATA SHEET

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

Properties & Typical Values

Properties	Unit	MLB20	MLB30	Test Method
Yield	m ² /kg	54.9	36.6	ITM 01
Unit Weight	g/m ²	18.2	27.3	ITM 01
Film Thickness	μm	20	30	ITM 02
Optical Density		2.2	2.2	ITM 11
Dimensional Stability 135°C / 275°F, 7 min - MD TD	%	-5 -3,5	-5 -3,5	ITM 37
Elongation at Break - MD TD	%	180 55	180 55	ITM 50
Elastic Modulus - MD TD	Mpa	2000 3700	2000 3700	ITM 50
Minimum Sealing Temperature (Min 300g/25mm) - 25N/cm ² - 0,5 sec - Flat/Flat Unmetallized side	°C	66	66	ITM 26
Heat Seal Range (RDM) Unmetallized side – RDM – 25N/cm ² – 0.5 sec – Flat/Flat	°C	84	84	ITM 26
Coefficient of Friction Film/film, untreated side		0.40	0.40	ITM 20
Water Vapor Transmission Rate - 38°C, 90% RH	g/m ² /24 hr	0.25	0.25	ITM 46
Oxygen Transmission Rate - 23°C, 0% RH	cm ³ /m ² /24 hr	40	40	ITM 42

TYPICAL VALUES SHOULD NOT BE CONSTRUED AS FINISHED PRODUCT SPECIFICATIONS (FPS).

Market Segments

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

Applications

- ✓ HFFS Flexible Packaging

Processing Method

- ✓ Inner Web Adhesive Lamination

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: <http://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.

Storage

You will find all information about storage conditions into the sign in area of our website<http://www.jindalfilms.com/login-register-docmg/> , under the section "Information on food safety and quality practices". The name of the document is "Storage recommendations".

Footnotes

Please contact your Sales Representative for complete country availability.

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