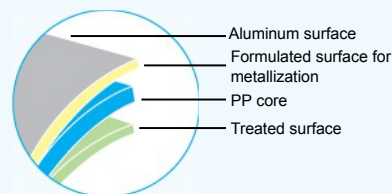


# MD\_LB



Bioriented polypropylene film, metallized, treatment on internal side, excellent antistatic and slip properties, designed for roll label



## Main Characteristics

- Metallized on external side, giving a metallic label appearance
- Slip and antistatic properties designed for equipment of continuous tagging at high speed
- Surface treatment on internal side for printing and/or lamination

## Applications

- Printing and/or lamination for use on a continuous tagging process at high speed
- Designed for applications that require printing and/or lamination on both sides
- Soft drink label, mineral water, natural juice, isotonic beverages, teas
- The metallized side must be protected against the direct contact with food

## Typical Values

Properties	Procedure	Unit	MD_LB
<b>Main Properties</b>			<b>MD20LB</b>
THICKNESS	DIN 53370	µm	20
UNIT WEIGHT	Vitopel	g/m <sup>2</sup>	18,2
YIELD		m <sup>2</sup> /kg	54,9
OPTICAL DENSITY	Mac Beth TD904	-	2,2
COEFFICIENT OF FRICTION DYNAMIC - Film/Film - NT/NT	ASTM D 1894	-	0,42
<b>Descriptive Properties</b>			
TENSILE STRENGTH	ASTM D 882	N/mm <sup>2</sup> MD	155
		TD	300
ELONGATION AT BREAK	ASTM D 882	% MD	190
		TD	50
DIMENSIONAL STABILITY	Vitopel 120°C / 5min	% MD	4,0
		TD	1,5

## Notes

Revised 2016, Aug

1 - Abbreviations used: MD – machine directions; TD – transversal directions;

2 - The values described above should be considered as a reference and may not be taken as product specification values.

3 - The films mentioned above have their outer surface treated. Films with external treatment (E) or inside (I) may be supplied by previously consulting to the commercial department.

4 - It is recommended use the metallized film until three months after the metallization aimed at to diminish the negative effect of the oxidation of the aluminum layer that affects the barrier of the gases

5 - The weather conditions can affect metallized surface/ Then, it is necessary the application of "primers" over the metallized surface and / or retreat the film before print or laminate with another web.

The above values are average data and should not be taken as final specification, and there is no guarantee for accuracy. The information above is not intended as a representation or warranty of performance properties with respect to these products.