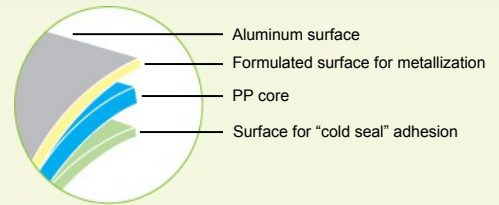




Bioriented Polypropylene Film, metallized, with non metallized side designed for “cold seal” anchorage



Main Characteristics

- Non metallized side designed for “cold seal” adhesion
- Metallized film, giving light protection for sensitive products
- Good barrier to water and gases

Applications

- “Cold seal” applications for monolayer packages for chocolates and candies
- The metallized side must be protected against the direct contact with food

Typical Values

Properties	Procedure	Unit	ME_CS				
			ME15CS	ME20CS	ME25CS	ME30CS	ME50CS
Main Properties							
THICKNESS	DIN 53370	µm	15	20	25	30	50
UNIT WEIGHT	Vitopel	g/m ²	13,7	18,2	22,8	27,3	45,5
YIELD		m ² /kg	73,3	54,9	44,0	36,6	22,0
OPTICAL DENSITY	Mac Beth TD904	-	2,2				
COEFFICIENT OF FRICTION DYNAMIC - Film/Film - NT/NT	ASTM D 1894	-	0,30				
Descriptive Properties							
TENSILE STRENGTH	ASTM D 882	N/mm ² MD	155				
		TD	285				
ELONGATION AT BREAK	ASTM D 882	% MD	195				
		TD	60				
DIMENSIONAL STABILITY	Vitopel 120°C / 5min	% MD	4,5				
		TD	2				
WATER VAPOUR TRANSMISSION	ASTM F 1249 38°C / 90%UR	g/m ² /24h	0,5				
OXYGEN TRANSMISSION	ASTM D 3985 23°C / 0%ur	cm ³ /m ² /24h	100				

Notes

Revised 2016, Aug

1 - Abbreviations used: DM – machine directions; TD – transversal directions; NT – non treated side.

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 metallized. Films with internal metallization (I) may be supplied by previously consulting to the commercial department.

4 - It is recommended to 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 have influence at metallized surface can be changed. Then, it is necessary the application of “primers” over the metallized surface and / or retreat the film before print or laminate with another substratum.

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.