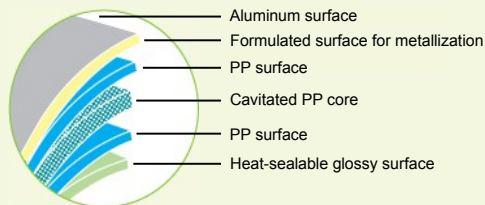


MWSE_G



Bioriented Polypropylene Film, metallized white opaque, high gloss, heat-sealable with sealing temperature starting at 105°C on the white side, designed for printing and/or lamination



Main Characteristics

- Metallized white opaque film, with high gloss on the white side
- Film with high opacity, giving protection to light sensitive products
- Great visual appeal
- Low COF on the untreated side
- Heat-sealable from 105°C on the non metallized side

Applications

- Monolayer or laminated for ice cream, snacks, toilet soaps, chocolates, cookies and candies
- The metallized side must be protected against the direct contact with food

Typical Values

Properties	Procedure	Unit	MWSE_G	
			MWSE22G	MWSE26G
Main Properties				
UNIT WEIGHT	Vitopel	g/m ²	22	26
NOMINAL THICKNESS	DIN 53370	µm	28,5	32,6
YIELD		m ² /kg	45,5	38,5
OPTICAL DENSITY	Mac Beth TD904	-		2,2
HEAT-SEAL STRENGTH	Vitopel	N/15mm		3,8
COEFFICIENT OF FRICTION DYNAMIC - Film/Film - NT/NT	ASTM D 1894	-		0,25
Descriptive Properties				
HEAT-SEAL RANGE	Vitopel	°C		105-145
TENSILE STRENGTH	ASTM D 882	N/mm ² MD		100
		TD		180
ELONGATION AT BREAK	ASTM D 882	% MD		135
		TD		35
DIMENSIONAL STABILITY	Vitopel 120°C / 5min	% MD		3,5
		TD		5,0
WATER VAPOUR TRANSMISSION	ASTM F 1249 38°C / 90%UR	g/m ² /24h		0,50
OXYGEN TRANSMISSION	ASTM D 3985 23°C / 0%ur	cm ³ /m ² /24h		100

Notes

- 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 extern treatment (E) or inside (I) may be supplied by previously consulting to the commercial department;
- 4 - It is recommended use the metallized film until two 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.

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