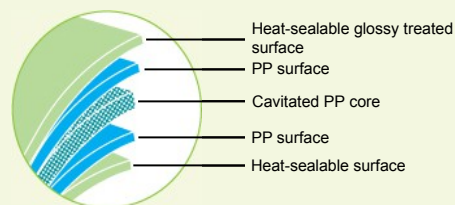




Bioriented Polypropylene Film, white opaque, high gloss, heat-sealable on both sides, with sealing temperature starting at 105°C on the untreated side and treatment on the external side for printing and/or lamination.



## Main Characteristics

- Opaque film with white pearlized aspect and high gloss giving different visual appeal to packages.
- Heat-sealable on both sides and from 105°C on the untreated side.
- High opacity giving light protection to sensitive products.
- Suitable machinability.

## Applications

- Snacks, chocolates, candies, cookies, cereals, chewing gum, ice cream.

## Typical Values

Properties	Procedure	Unit	OWSE_G		
			OWSE19G	OWSE22G	OWSE26G
<b>Main Properties</b>					
UNIT WEIGHT	Vitopel	g/m <sup>2</sup>	19,0	22,0	26,0
NOMINAL THICKNESS	DIN 53370	µm	25,4	29,4	34,8
YIELD		m <sup>2</sup> /kg	52,6	45,5	38,5
LIGHT TRANSMISSION	ASTM D 1003	%	19	18	17
HEAT-SEAL STRENGTH	Vitopel	N/15mm	4,5		
GLOSS 45° T	ASTM D 2457	g.u.	86		
SURFACE TENSION	ASTM D 2578	Dynes/cm	≥ 38		
COEFFICIENT OF FRICTION DYNAMIC - Film/Film - NT/NT	ASTM D 1894	-	0,25		
<b>Descriptive Properties</b>					
HEAT-SEAL RANGE	Vitopel	°C	105 - 145		
TENSILE STRENGTH	ASTM D 882	N/mm <sup>2</sup> MD	100		
		TD	170		
ELONGATION AT BREAK	ASTM D 882	% MD	120		
		TD	35		
DIMENSIONAL STABILITY	Vitopel 120°C (248°F), 5min	% MD	4,0		
		TD	3,0		
WATER VAPOR TRANSMISSION RATE	ASTM F 1249 38°C (100°F), 90%RH	g/m <sup>2</sup> /24h	7,5	6,1	5,4

## Notes

Revised 2016, Aug

1 – Abbreviations used: MD – 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 treatment at external side. Films with treatment at internal side ( I ) may be supplied by previously consulting to Commercial Area.

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.