



Description

- White and glossy cavitated film, one side sealable, designed for cold seal applications

Properties

- Enhanced opacity
- Excellent whiteness
- High gloss on the treated side
- Outstanding printing characteristics (whiteness improve printing chromatic performance)
- Suitable for hot and cold seal applications
- Consistent COF
- High yield

Typical Applications

- Chocolate bars
- Ice creams
- Bakery products

Safeguards

- Release notes for Vibac Europe films are available on request

Typical values

PROPERTIES		UNITS	TEST METHODS		
Thickness		microns		33*	38
Grammage		g/m ²	DIN EN ISO 2286	20.46	23.56
Yield		m ² /Kg	1/2/3	48.88	42.44
TENSILE PROPERTIES					
Tensile strength	MD	N/mm ²	ASTM D882 DIN EN ISO 527-1/3	70	70
Elongation	MD	%		140	140
Secant Modulus 100%	MD	N/mm ²		55	55
Elastic Modulus 1%	MD	N/mm ²		1000	1000
Tensile strength	TD	N/mm ²		150	150
Elongation	TD	%		50	50
OPTICAL PROPERTISE					
Gloss 45°		%	ASTM D2457	92	92
Optical Density			IOQ 824.18	0.55	0.6
Opacity		%	"	72	75
Whiteness Index			ASTM E313	90	90
THERMAL STABILITY					
Shrinkage (hot air 130° -5')	MD	%	OPMA TC4a	4	
	TD	%		1	
COEFFICIENT OF FRICTION					
Untr / Untr	dynamic		ASTM D1894 DIN EN ISO 8295	0.40	
Untr / Met. dynamic	dynamic			0.25	
SEALING					
Sealing threshold	Untr / Untr	°C	OPMA TC4	≈105	≈105
Seal strength 130 °C		g/cm		≥120	≥120
PERMEABILITY					
OTR	23°C 0% r.h.	cc/(m ² d atm)	ASTM D3985	1900	1700
WVTR	37.8°C 100% r.h.	g/(m ² d)	ASTM F1249	7.0	6.5
WVTR	23°C 85% r.h.	"	DIN 53122	1.5	1.4
TREATMENT					
Surface tension		dynes/cm	ASTM D2578	38	38

* Thickness available upon request

Guidelines for storage of OPP film

No special conditions are required for the storage of OPP films but it is recommended that dry conditions below 30°C are employed to minimise any deterioration of surface discharge treatment level.

All OPP films should be allowed to reach operating room temperature for 24 hours before use.

Polypropylene films characteristics are maintained for 6 months from the date of production except for metallized layer surface tension.

Food contact

Viban PWN complies with the requirements of EEC directives and FDA regulation. Specific documentation and migration test results are available upon request.



The results obtained and above properties refer to average values of laboratory tests on samples of our standard production. It is understood that this entails no obligation and/or responsibility on our part.

Customers should verify the suitability of the film for its specific end use. Therefore this document will not represent a product specification.