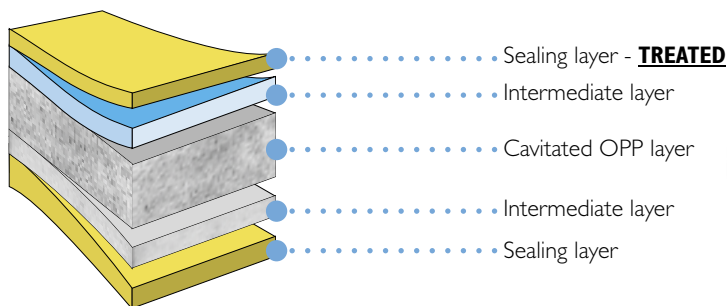


WHITE CAVITATED HEAT SEALABLE COEXTRUDED FILM



Description

- White cavitated film, both sides sealable with a broad sealing range. The seal initiation temperature (S.I.T) is $\approx 105^\circ\text{C}$ on the non-treated side

Properties

- High heat-seal strength
- Good hot tack properties
- Good moisture barrier
- Enhanced opacity
- Outstanding whiteness
- Excellent cold seal acceptance
- Outstanding printing characteristics (High whiteness improves printing chromatic performance)

Typical Applications

- High speed confectionery with cold seal
- Ice creams
- Bakery products
- Melbour toasts overwrapping
- Chocolate bars

Safeguards

- Release notes for Vibac Europe films are available on request

Typical values

PROPERTIES		UNITS	TEST METHODS			
Thickness		microns	DIN EN ISO 2286 I/2/3	35	40	50
Grammage		g/m^2		24.50	28.00	33.00
Yield		m^2/Kg		40.82	35.71	30.30
TENSILE PROPERTIES						
Tensile strength	MD	N/mm^2	ASTM D882 DIN EN ISO 527-1/3	80	80	80
Elongation	MD	%		150	150	150
Secant Modulus 100%	MD	N/mm^2		70	70	70
Elastic Modulus 1%	MD	N/mm^2		1100	1100	1100
Tensile strength	TD	N/mm^2		170	170	170
Elongation	TD	%		50	50	50
OPTICAL PROPERTIES						
Gloss 45°		%	ASTM D2457	55	55	55
Optical Density			IOQ 824.18	0.40	0.45	0.50
Opacity		%	"	60.0	64.5	68.5
Whiteness Index		%	ASTM E313	85	85	85
THERMAL STABILITY						
Shrinkage (hot air 130°C - 5')	MD	%	OPMA TC4a	4 1		
	TD	%				
COEFFICIENT OF FRICTION						
Untr / Untr	dynamic		ASTM D1894 DIN EN ISO 8295	0.30 0.20		
Untr / Met	dynamic					
SEALING						
Sealing threshold range	Untr / Untr	$^\circ\text{C}$	OPMA TC4	≈ 105 ≥ 150		
Seal strength 130°C		g/cm				
PERMEABILITY						
OTR	23°C 0% r.h.	$\text{cc}/(\text{m}^2\text{d atm})$	ASTM D3985	1700	1500	1200
WVTR	37.8°C 100% r.h.	$\text{g}/(\text{m}^2\text{d})$	ASTM F1249	7	6	5
WVTR	23°C 85% r.h.	"	DIN 53122	1.8	1.5	1.3
TREATMENT						
Surface tension		dynes/cm	ASTM D2578	38		

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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

Vifan PC 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.