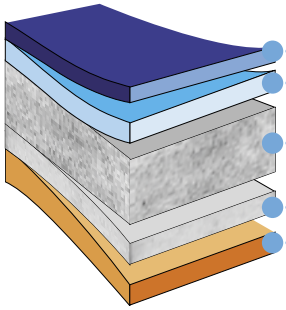
BOPP film

PJK

LOW SEALABLE HIGH MODULUS WHITE CAVITATED FILM



Description

- High gloss white cavitated film, one side low sealable with a broad sealing range. The seal initation temperature (S.I.T) is ≈ 95 °C on the sealing layer

Properties

- Wide sealing range due to low sealing initiation temperature
- Consistent C.O.F.
- Good stiffness & mechanical properties
- Good moisture barrier
- High gloss on the treated side
- Outstanding whiteness and opacity
- Superior printing characteristics. (whiteness improves printing chromatic performance)

Typical Applications

- Excellent performance on high-speed HFFS
- Alternative to cold seal technology

Safeguards

- Release notes for Vibac Europe films are available on request

Typical values

PROPERTIES		UNITS	TEST METHODS	
Thickness Grammage Yield		microns g/m² m²/Kg	DIN EN ISO 2286 1/2/3	**35** 25.55 39.14
TENSILE PROPERTIES				
Tensile strength	MD	N/mm²	ASTM D882 DIN EN ISO 257-1/3	100
Elongation	MD	%		170
Secant Modulus 100%	MD	N/mm²		70
Elastic Modulus 1%	MD	N/mm²		1300
Tensile strength	TD	N/mm²		200
Elongation	TD	%		50
OPTICAL PROPERTIES				
Gloss 45°		%	ASTM D2457	95
Optical Density			IOQ 824.18	0.60
Opacity		%	"	75
Whiteness Index		%	ASTM E313	85
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	0.35
Untr / Met	dynamic			0.20
SEALING				
Sealing threshold	Untr / Untr	°C	OPMA TC4	≈ 95
Seal strength 130 °C		g/cm		≥ 150
PERMEABILITY				
OTR	23°C 0% r.h.	cc/(m²d atm)	ASTM D3985	1600
WVTR	37.8°C 100% r.h.	g/(m²d)	ASTM F1249	5
WVTR	23°C 85% r.h.	"	DIN 53122	1.1
TREATMENT				
Surface tension		dynes/cm	ASTM D2578	38

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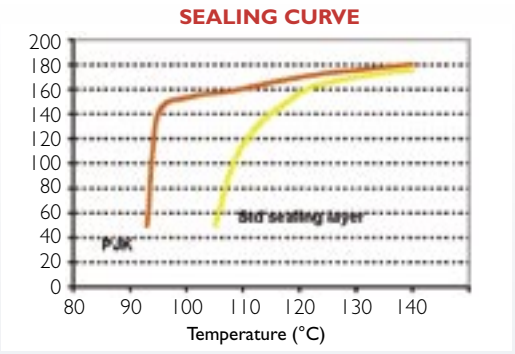
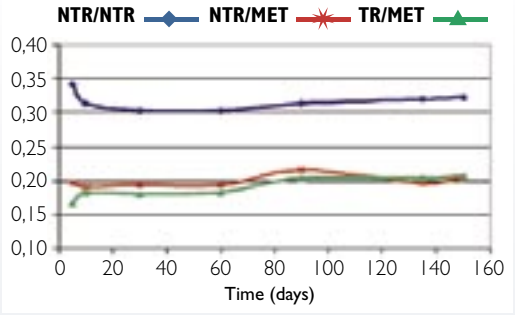
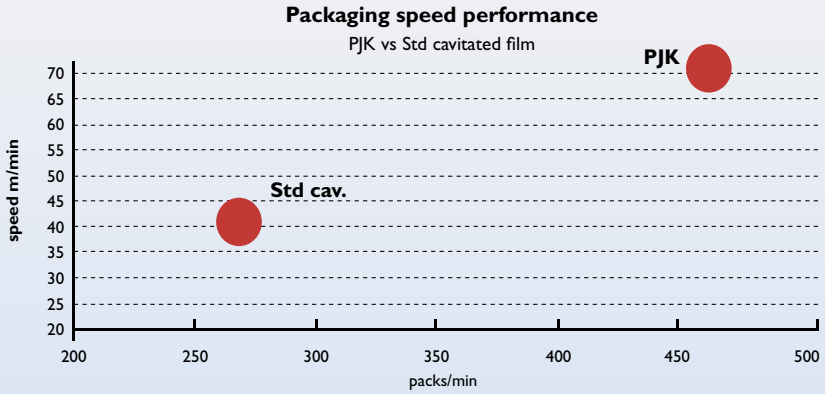
Increased performance on HFFS machines due to stable, consistent COF and wider sealing range







Guidelines for use 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 wetting tension.
All OPP films should be allowed to reach operating room temperature for 24 hours before use.
Polypropylene films characteristics are maintained 6 months from the date of production except for metallized layer surface tension.

Food contact
Vifan PJK complies with the requirements of EEC directives and FDA regulation.
Specific documentation and migration test results are available upon request.

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