



Description

- Transparent bi-oriented polypropylene film, both sides sealable with a broad sealing range. The COF is tailor made according to customer's request.

Properties

- High heat-seal strength
- Excellent hot tack
- Good moisture barrier
- Superior optical properties
- Outstanding printing characteristics
- Controlled or low COF according to customer's request.
- Available with Exterior treatment

Typical Applications

- These film are designed for use in HFFS, VFFS and overwrapping applications wherever a low COF or controlled COF is required.

Safeguards

- Release notes for Vibac Europe films are available on request

Typical values

PROVISIONAL

PROPERTIES		UNITS	TEST METHODS			
Thickness	Tensile	microns	DIN 53352	15*	20	25
Grammage		g/m ²		13.65	18.20	22.75
Yield		m ² /Kg		73.26	54.95	43.96
TENSILE PROPERTIES						
Tensile strength	MD	N/mm ²	ASTM D882 DIN 53455	170	170	170
Elongation	MD	%		210	220	220
Secant Modulus 100%	MD	N/mm ²		110	110	100
Elastic Modulus 1%	MD	N/mm ²		1900	1900	1900
Tensile strength	TD	N/mm ²		280	280	280
Elongation	TD	%		80	80	80
OPTICAL PROPERTIES						
Gloss 45°		%	ASTM D2457	85	85	85
Haze ⁽¹⁾		%	ASTM D1003	2.2	2.5	2.5
THERMAL STABILITY						
Shrinkage (hot air 130° -5')	MD	%	OPMATC4(a)	< 5		
	TD	%		< 2		
COEFFICIENT OF FRICTION						
Untr / Untr dynamic			ASTM D1894 DIN 53375	According to customers request Typical range 0.25-0.35 or <0.25		
Untr / Met dynamic				<0.20		
SEALING						
Sealing threshold	Untr/Untr	°C	OPMATC4	~ 105	~ 105	~ 105
Seal strength 130 °C		g/cm		> 130	> 150	> 200
PERMEABILITY						
OTR	23°C 0% r.h.	cc/ (m ² d atm)		2200	1900	1600
WVTR	37.8°C 100% r.h.	g/(m ² d)		8	6.5	6
WVTR	23°C 85% r.h.	"		1.7	1.4	1.3
TREATMENT						
Surface tension		dynes/cm	ASTM D2578	38		

⁽¹⁾ 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.

Food contact

Vifan XCLS 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.