

Description

 Transparent bi-oriented polypropylene film, both sides sealable with a broad sealing range. The COF is taylor 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 or a low COF or controlled COF is required.

Safeguards

 Release notes for Vibac Europe films are available on request

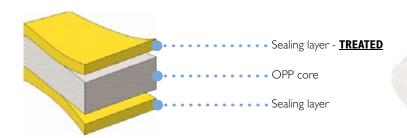
VIBAC - EUROPE

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BOPP film

XCLS

HIGH SLIP - CONTROLLED C.O.F. - COEXTRUDED FILM



Typical values

PROPERTIES		UNITS	TEST METHODS			
ThicknessTensile Grammage Yield		microns g/m² m²/Kg	DIN 53352	15* 13.65 73.26	20 18.20 54.95	25 22.75 43.96
TENSILE PRO	PERTIES	-				
Tensile strength	MD	N/mm ²	ASTM D882 DIN 53455	170	170	170
Elongation	MD	%		210	220	220
Secant Modulus 100%	MD	N/mm²		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 PRO	OPERTIES .					
Gloss 45°		%	ASTM D2457	85	85	85
Haze ⁽¹⁾		%	ASTM D1003	2.2	2.5	2.5
THERMAL ST	TABILITY					
Shrinkage (hot air 130° -5')	MD	%	OPMA TC4(a)	< 5		
	TD	%		< 2		
COEFFICIENT O	F FRICTION					
Untr / Untr dynamic			ASTM D1894	According to customers request Typical range 0.25-0.35 or <0.25		
Untr / Met dynamic			DIN 53375	<0.20		
SEALIN	NG					
Sealing threshold	Untr/Untr	°C	ODMA TC4	~ 105	~ 105	~ 105
Seal strength 130 °C		g/cm	OPMATC4	> 130	> 150	> 200
PERMEAB	ILITY					
OTR	23°C 0% r.h.	cc/ (m² d atm)		2200	1900	1600
WVTR	37.8°C 100% r.h.	g/(m² d)	1	8	6.5	6
WVTR	23°C 85% r.h.	"	1	1.7	1.4	1.3
TREATM	ENT		-			
Surface tension		dynes/cm	ASTM D2578	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.

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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 responsability 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.