



Description

- Bi-oriented non heat-sealable transparent polypropylene film specially designed for printing and lamination process

Properties

- Excellent optical properties
- Outstanding printing characteristics
- Superior stiffness
- Excellent printability

Typical Applications

- Vifan BT, is specially designed to be used as outside web of laminates for snack, pasta and coffee
- Miscellaneous industrial applications (insulating facing, sheet protector, carrier sheet, cable wrap)

Safeguards

- Release notes for Vibac Europe films are available on request

Typical values

PROPERTIES		UNITS	TEST METHODS					
Thickness		microns	DIN EN ISO 2286 1/2/3	20	25	30	35	40
Grammage		g/m ²		18.20	22.75	27.30	31.85	36.40
Yield		m ² /Kg		54.95	43.96	36.63	31.40	27.47
TENSILE PROPERTIES								
Tensile strength	MD	N/mm ²	ASTM D882 DIN EN ISO 527-1/3	160	160	160	160	150
Elongation	MD	%		180	180	180	180	190
Secant Modulus 100%	MD	N/mm ²		110	110	110	110	110
Elastic Modulus 1%	MD	N/mm ²		2000	2000	2000	2000	2000
Tensile strength	TD	N/mm ²		290	290	290	290	280
Elongation	TD	%		65	65	65	65	70
OPTICAL PROPERTIES								
Gloss 45°		%	ASTM D2457	90	90	90	90	90
Haze		%	ASTM D1003	0.8	0.8	0.8	0.9	1.0
THERMAL STABILITY								
Shrinkage (hot air 130° -5')	MD	%	OPMA TC4(a)	4				
	TD	%		1				
COEFFICIENT OF FRICTION								
Untr / Untr	dynamic		ASTM D1894 DIN EN ISO 8295	0.40				
Untr / Met	dynamic			0.25				
PERMEABILITY								
OTR	23°C 0% r.h.	cc/ (m ² d atm)	ASTM D3985	1900	1600	1300	1100	950
WVTR	37.8°C 100% r.h.	g/(m ² d)	ASTM F1249	7	6	5	4	3.5
WVTR	23°C 85% r.h.	"	DIN 53122	1.5	1.3	1	0.9	0.7
TREATMENT								
Surface tension		dynes/cm	ASTM D2578	38				

Ed.2 - 01.2006

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 BT 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.