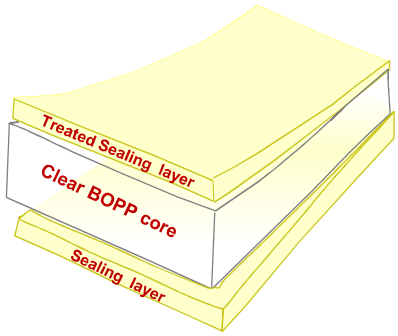
Heat Sealable Coextruded Film produced using resins from renewable source

(The resins content from renewable sources is established according to the customer's request)

Properties

- ✓ Good heat seal strength
  (*: for 15CT only sealing Untr/Untr is guaranteed)
- ✓ Excellent hot tack
- ✓ Good moisture barrier
- ✓ Superior optical properties
- ✓ Outstanding printing characteristics



Typical Applications

This film is designed for use in HFFS, VFFS and overwrapping applications either as a single web or in lamination to itself or to other substrates

PROPERTIES		VALUE							UNIT	TEST METHOD
Thickness		15*	20	25	30	35	40	50	micron	DIN EN ISO 2286-1/2/3
Grammage		13,65	18,20	22,75	27,30	31,85	36,40	45,50	g/m²	
Yield		73,26	54,95	43,96	36,63	31,40	27,47	21,98	m²/kg	
TENSILE PROPERTIES										
Tensile Strength	MD	170	170	170	170	160	160	150	N/mm²	ASTM D882 DIN EN ISO 527-1/3
	TD	280	280	280	280	270	250	250	N/mm²	
Elongation	MD	210	220	220	230	240	250	250	%	
	TD	80	80	80	80	85	90	90	%	
Secant Modulus 100%	MD	110	110	100	100	100	90	90	N/mm²	
Elastic Modulus 1%	MD	1900	1900	1900	1900	2000	2000	2000	N/mm²	
OPTICAL PROPERTIES										
Gloss 45°		85							Gloss unit	ASTM D2457
Haze		1,6	1,8	1,8	2,0	2,0	2,0	2,0	%	ASTM D1003
THERMAL STABILITY										
Shrinkage (hot air 130°C - 5')	MD	4							%	OPMA TC4a
	TD	2							%	
SEALING PROPERTIES										
Sealing threshold	Untr/Untr	≈ 105							°C	OPMA TC4b
Seal strength 130 °C	Untr/Untr	>= 200							g/cm	
COEFFICIENT OF FRICTION										
Untr / Untr	dynamic	0,30								ASTM D1894 DIN EN ISO 8295-04
Untr / Met	dynamic	0,20								
PERMEABILITY										
Oxygen Transmission Rate	23°C-0% R.H.	2200	1900	1600	1300	1100	950	750	cc/(m² d atm)	ASTM D3985
Water Vapor Transmission Rate	37.8°C-100% R.H.	8	6,5	6	5	4	3,5	3	g/(m² d)	ASTM F1249
	23°C-85% R.H.	1,7	1,4	1,3	1	0,9	0,7	0,6	"	DIN 53122
TREATMENT										
Treatment level		38							dyne/cm	ASTM D2578

Guidelines for storage of OPP film

No special conditions are required fort the storage of OPP films, however it is recommended that dry conditions below 30°C are employed to minimize any deterioration of film properties and surface treatment level. All OPP films should be allowed to reach operation room temperature for 24 hours before use. Films are suitable for use within 6 months from date of delivery

Food contact

Vibac **CTR** complies to the requirements of EEC directives and FDA regulations 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 other responsibility on our part. Customer should verify the suitability of the film for its specific end use, therefore this document will not represent a product specification. Vibac does not guarantee the typical (or other) values. Analysis may be performed on representative samples and not the actual product shipped.

Tel: +39 0975 68210 Fax:+39 0975 61664 e-mail: filmsales@vibac.it www.vibacgroup.com

Ed.3; rev.: 0; 23.11.2020; first emission