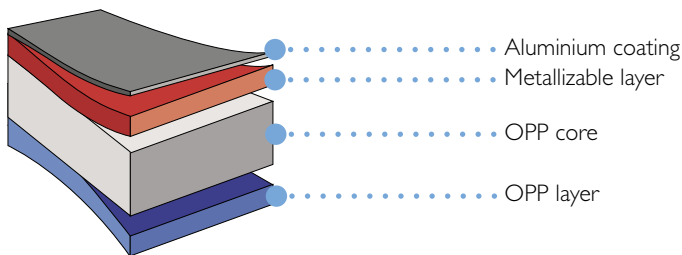


ENHANCED METAL ADHESION METALLIZED PLAIN FILM



Description

- BKZ is a non heat - sealable (plain) metallized bi-oriented polypropylene film with enhanced metal adhesion

Properties

- Excellent metal adhesion
- Superior Stiffness
- Good printing properties
- Sparkling appearance

Typical Applications

- Chocolate eggs wrapping
- Luxury gift paper
- Floral wrapping
- Bags and pouches

Safeguards

- Release notes for Vibac Europe films are available on request

Typical values

PROPERTIES		UNITS	TEST METHODS		
Thickness		microns		30*	35
Grammage		g/m ²	DIN EN ISO 2286	27.30	31.85
Yield		m ² /Kg	1/2/3	36.63	31.40
TENSILE PROPERTIES					
Tensile strength	MD	N/mm ²	ASTM D882 DIN EN ISO 527-1/3	150	150
Elongation	MD	%		190	190
Secant Modulus 100%	MD	N/mm ²		100	100
Elastic Modulus 1%	MD	N/mm ²		2100	2100
Tensile strength	TD	N/mm ²		290	290
Elongation	TD	%		65	65
OPTICAL PROPERTIES					
Optical Density			IOQ 824.18	≥ 2	
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	0.30	
Untr / Met	dynamic			0.20	
METAL ADHESION		g/cm	IOQ 824.29	≥ 250	
PERMEABILITY					
OTR	23°C 0% r.h.	cc/ (m ² d atm)	ASTM D3985	100	
WVTR	37.8°C 100% r.h.	g/(m ² d)	ASTM F1249	1	
WVTR	23°C 85% r.h.	"	DIN 53122	0.21	

(*)Thickness available upon request

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.

Metallized (OPP) films are well known to age with time and it is recommended that stock should be evaluated for ink adhesion prior to printing and if necessary a primer employed. In case of deterioration of wetting tension level it is recommended that the material is re-treated prior to conversion to optimise adhesion of inks and adhesives.

Polypropylene films characteristics are maintained for 6 months from the date of production except for metallized layer surface tension.

Food contact

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

