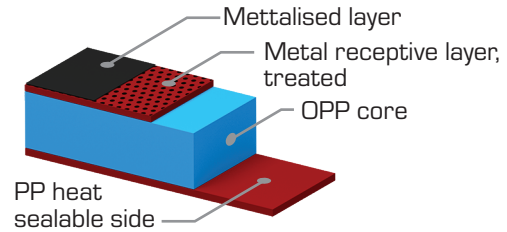


TATRAFAN KXNM

METALLISED, HEAT SEALABLE COEXTRUDED BOPP FILM

Description and Application

- Excellent metal adhesion
- Outstanding barrier properties to gas, moisture and light
- Wide heat-sealing range
- Suitable for print and lamination
- Typical applications:
Packaging of various food products, confectioneries, chips and snacks
- Suitable for food contact



TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES				
Nominal thickness tolerance	DIN 53370	µm %	18	20	25	30	35
			±5				
Unit weight tolerance	Internal method	g/m ² %	16,4	18,2	22,8	27,3	31,9
			±5				
Yield		m ² /kg	61,0	54,9	43,9	36,6	31,3
Tensile strength MD (min.) TD (min.)	DIN EN ISO 527-1/3	N/mm ²	130				
			250				
Elongation at break MD (max.) TD (max.)		%	200				
			65				
Shrinkage MD (max.) TD (max.)	130°C, 15min	%	5				
			3,5				
Water vapour permeability (max.)	ASTM F 1249 23 °C, 85% r.h. 38 °C.90% r.h.	g/m ² .24h	0,25	0,25	0,20	0,20	0,20
			1,0	1,0	1,0	0,8	0,7
Oxygen permeability (max.)	DIN 53380 23 °, 0% r.h.	cm ³ /m ² .24h.0,1MPa	150				
Dynamic coefficient of friction - film/film untreated/untreated side	ASTM D 1894	-	0,25 - 0,50				
Seal temperature range	Internal method	°C	105 - 140				
Seal strength (min.)	120 °C, 1,0s, 0,3MPa	%	2,0	2,0	2,2	2,3	2,4
Optical density (min.)	MACBETH TD 931	-	2,1				

* After production ** After storage *** Typical values

TATRAFAN KXNM

METALLISED, HEAT SEALABLE COEXTRUDED BOPP FILM

HANDLING AND STORAGE

The product does not present special safety requirements during handling and storage. In order to maintain their properties and to ensure good processability, the film should be stored avoiding high humidity and high temperature conditions. Do not exceed an ambient temperature of 40°C (transport temperature between (-20 + 30)°C and relative humidity of 80%. The product should be protected away from direct sunlight and heat (steam lines or other). Take measures against electrostatic discharges – the film will accumulate electrostatic charge of the web – it could be caused by an electrical spark (ignition source). Keep away from source of ignition. Use with adequate ventilation.

General notes:

Do not handle or store near an open flame, sources of the heat ignition. Store in cool, dry area, away from direct heat or sunlight (Film for food packaging applications keep away from hazardous chemicals). Film properties are guaranteed for 6 months from the date of production.



AVAILABILITY

KXNM	Bobbin	
	Core diameter (mm)	Outside diameter (mm)
18	76*; 76,8*; or 152*	Max. 780*
20		
25		
30		
35		

*Standard

ENVIRONMENT

When disposed of under orderly conditions no environmental damage effects occur. During burning under free air conditions only CO₂, CO and water arise. Does not contain additives based on heavy metals (Cd, Pb, Hg, Cr). This product is expected to persist.

OTHER INFORMATION

This information and recommendation is based on Terichem's best knowledge and belief accurate and reliable as of the date indicated.

However, no representation, warranty or guarantee is made with regards to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore it is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.



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