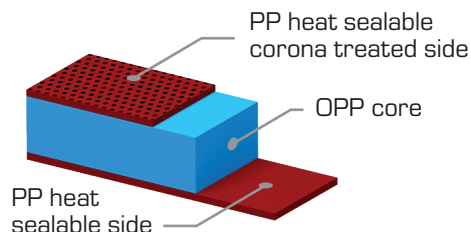


TATRAFAN KXE

HEAT SEALABLE COEXTRUDED BOPP FILM

Description and Application

- Both-side heat sealable.
One side corona treated.
- Transparent film with excellent optical properties (low haze, high gloss)
- Very good slip properties (tailored for high slip performance)
- Improved barrier properties (moisture, odor), and antiblocking properties.
- Typical applications: Print and lamination. Packaging of various food products, confectioneries, and textiles



TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES							
Nominal thickness tolerance	DIN 53370	µm	15	17	20	25	30	35	40	
		%	±5							
Unit weight tolerance	Internal method	g/m ²	13,7	15,5	18,2	22,8	27,3	31,9	36,4	
		%	±5							
Yield		m ² /kg	73,2	63,8	54,9	43,9	36,6	31,3	27,5	
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	1,8	1,6	1,5	1,2	1	0,9	0,8	
			9,0	8,0	7,0	6,0	5,0	4,5	4,0	
Oxygen permeability (max.)	DIN 53380 23 °, 0% r.h.	cm ³ /m ² .24h.0,1MPa	2300	2300	2200	1800	1500	1300	1100	
Dynamic coefficient of friction - film/film untreated/untreated side	ASTM D 1894	-	0,15 - 0,40							
Seal temperature range	Internal method	°C	105 - 140							
Seal strength (min.)	120 °C, 1,0s, 0,3MPa	N/15 mm	2,0							
Gloss (20°) (min.)	ASTM D 2457	%	90							
Haze (max.)	ASTM D 1003	%	1,4	1,5	1,6	1,8	2,0	2,2	2,4	
Surface tension (min.)	ASTM D 2578	mN/m	38							

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

TATRAFAN KXE

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

KXE	Bobbin	
	Core diameter (mm)	Outside diameter (mm)
15	76*; 76,8*; or 152*	Max. 780*
17		
20		
25		
30		
35		
40		

*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.



TATRAFAN, s.r.o.

Štúrova 101
059 21 Svit
Slovakia
tel.: +421 52 715 3285
fax: +421 52 715 2303
mail: sales@tatrafan.com

tatrafan.com

tatrafan.com

Edition: January 2017