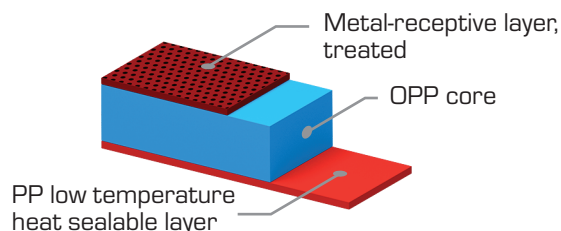


# TATRAFAN KXNLS

## LOW TEMPERATURE HEAT SEALABLE BOPP FILM FOR METALLISATION

### Description and Application

- One side corona treated film, with excellent meal adhesion
- Non treated side with low temperature sealing layer
- Excellent metal adhesion
- Very good barrier properties after metallisation Suitable for food contact
- Typical applications: Metallisation, and following lamination
- Packaging of various food products, confectioneries, chips and snacks



## TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES				
<b>Nominal thickness</b> tolerance	DIN 53370	µm	20	25	30	35	40
		%	±5				
<b>Unit weight</b> tolerance	Internal method	g/m <sup>2</sup>	18,2	22,8	27,3	31,9	36,4
		%	±5				
<b>Yield</b>		m <sup>2</sup> /kg	54,9	43,9	36,6	31,3	27,5
<b>Tensile strength</b> MD (min.) TD (min.)	DIN EN ISO 527-1/3	N/mm <sup>2</sup>	130				
			250				
<b>Elongation at break</b> MD (max.) TD (max.)		%	200				
			65				
<b>Shrinkage</b> MD (max.) TD (max.)	130°C, 15min	%	5				
			3,5				
<b>Water vapour permeability</b> (max.)	ASTM F 1249 23 °C, 85% r.h. 38 °C, 90% r.h.	g/m <sup>2</sup> .24h	1,5	1,2	1,0	0,9	0,8
			7,0	6,0	5,0	4,5	4,0
<b>Oxygen permeability</b> (max.)	DIN 53380 23 °, 0% r.h.	cm <sup>3</sup> /m <sup>2</sup> .24h.0,1MPa	2200	1800	1500	1300	1100
<b>Dynamic coefficient of friction - film/film untreated/untreated side</b>	ASTM D 1894	-	0,25 - 0,45				
<b>Seal temperature range</b>	Internal method	°C	105 - 140				
<b>Seal strength</b> (min.)	120 °C, 1,0s, 0,3MPa	N/15 mm	2,0				
<b>Gloss (20°)</b> (min.)	ASTM D 2457	%	90				
<b>Haze</b> (max.)	ASTM D 1003	%	1,6	1,8	2,0	2,2	2,4
<b>Surface tension</b> (min.)	ASTM D 2578	mN/m	38				

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