



# TATRAFAN KXTLS

## COEXTRUDED BIAXIALLY ORIENTED PP FILM WITH LOW SEALING TEMPERATURE

### Description and Application

- \* Both-side heat sealable
- \* Very low sealing temperature, low shrinkable
- \* Designed for bundle wrapping without carton paper („Clear“ wrap)
- \* Very good optical properties (gloss, haze) and slip properties
- \* Good barrier properties (moisture, odour) and improved antiblocking properties

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES	
Nominal thickness	DIN 53370	µm	21	25
tolerance		%	± 5	± 5
Unit weight	ISO 536	g/m <sup>2</sup>	19,1	22,8
tolerance		%	± 5	± 5
Yield		m <sup>2</sup> /kg	52,4	43,9
Tensile strength	ISO 527-3	MPa	140 ***	140 ***
MD			250 ***	250 ***
TD		%	190 ***	190 ***
Elongation at break			65 ***	65 ***
Elasticity modulus		N/mm <sup>2</sup>	2250 ***	2250 ***
MD				
Thermal shrinkage	DIN 53377 130°C, 15min.	%	5 **	5 **
MD			4 **	4 **
TD				
Water vapour permeability	DIN 53380	g/m <sup>2</sup> d	1,5	1,2
(max.)	23°C, 85% r.h.		5,0	4,8
(max.)	38°C, 90% r.h.			
Oxygen permeability	DIN 53 380	cm <sup>3</sup> /(m <sup>2</sup> d.0,1MPa)	2000	1800
(max.)	23°C, 0%r.h.			
Dynamic coefficient film/film untreated/untreated side	ASTM D 1894	-	0,3 ***	0,3 ***
Heat seal range	Internal method	°C	75 – 120	75 - 120
Seal strength (min.)	120°C, 1s, 0,3MPa	N/15mm	2,0	2,4
Haze (max.)	ASTM D 1003	%	3,0 *	3,0 *
Gloss (20°) (min.)	ASTM D 2457	%	90 *	90 *

- \* After storage
- \*\* After production
- \*\*\* Typical value