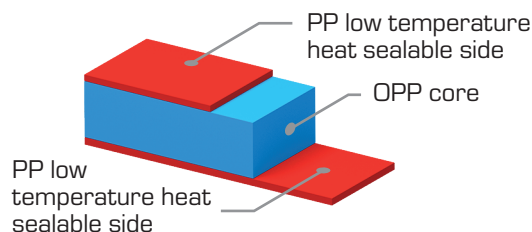


TATRAFAN[®] LST

COEXTRUDED BIAXIALLY ORIENTED PP FILM FOR TOBACCO WRAPPING

Description and Application

- Both-side heat sealable
Intended for tobacco products packaging
- **LOW SEALING TEMPERATURE**
- Designed for bundle wrapping without carton paper ("naked" wrapping)
- Excellent optical properties (gloss, haze) and slip properties
- Improved barrier properties (moisture, odor) and antiblocking properties



TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES	
Nominal thickness tolerance	DIN 53370	μm %	20	25
			+5	
Unit weight tolerance	Internal method	g/m^2 %	18,2	22,8
			+5	
Yield		m^2/kg	54,9	43,9
Tensile strength MD (min.) TD (min.)	DIN EN ISO 527-1/3	N/mm^2	150 250	
Elongation at break MD (max.) TD (max.)		%	150 65	
Elasticity modulus MD (min.)		N/mm^2	2850	2450
Water vapour permeability (max.)	ASTM F 1249 23 °C, 85% r.h. 38 °C.90% r.h.	$\text{g}/\text{m}^2 \cdot 24\text{h}$	1,5	1,4
			3,3	3,0
Oxygen permeability (max.)	DIN 53380 23%. 0% r.h.	$\text{cm}^3/\text{m}^2 \cdot 24\text{h}.$ 0,1MPa	2100	2000
Dynamic coefficient of friction - film/film out /out side	ASTM D 1894	-	0,3	
Seal temperature range	Internal method	°C	75 - 130	
Seal strength (min.)	120°C, 1,0s, 0,3MPa	$\text{N}/15\text{mm}$	2,0	
Shrinkage MD (min.) TD (min.)	130°C. 15min.	%	9 10	
			90	
Gloss (20°) (min.)	ASTM D 2457	%	90	
Haze (max.)	ASTM D 1003	%	2,8	3,0

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