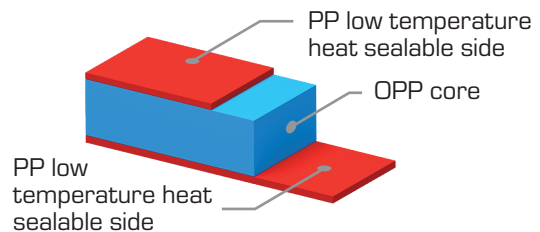


TATRAFAN LST

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.)		N/mm ²	150	
			250	
Elongation at break MD (max.) TD (max.)	DIN EN ISO 527-1/3	%	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.	g/m ² .24h	1,5	1,4
			3,3	3,0
Oxygen permeability (max.)	DIN 53380 23%. 0% r.h.	cm ³ /m ² .24h. 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	N/15mm	2,0	
Shrinkage MD (min.) TD (min.)	130°C. 15min.	%	9	
			10	
Gloss (20°) (min.)	ASTM D 2457	%	90	
Haze (max.)	ASTM D 1003	%	2,8	3,0

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

TATRAFAN LST[®]

COEXTRUDED BIAXIALLY ORIENTED PP FILM FOR TOBACCO WRAPPING

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

LST	Bobbin	
	Core diameter (mm)	Outside diameter (mm)
20, 25	76 (76,8) 152	max. 800

* 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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