

TERFAN LST

COEXTRUDED BIAXIALY 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

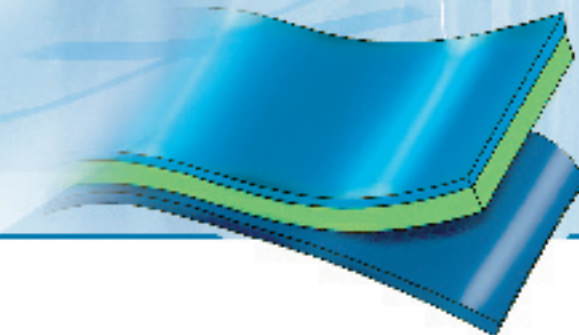
TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	LST 25
Thickness	DIN 53370	µm	25
tolerance		%	±5
Square weight	Internal method	g/m ²	22,8
tolerance		%	±5
Yield	Internal method	m ² /kg	43,9
Tensile strength			***
MD	ISO 527-3	MPa	150
TD			250
Elongation			***
MD	ISO 527-3	%	180
TD			65
Elasticity modulus MD	ASTM D882	N/mm ²	2450 ***
Water vapour permeability (max.)	DIN 53 122/2 23 °C, 85% RV	g/(m ² .24 h)	1,2
Oxygen permeability (max.)	DIN 53 380 23 °C, 85% RV	cm ³ /(m ² . 24 h. 0,1MPa)	1800
Coefficient of friction film/film - kinetic	ASTM D 1894	-	0,3
Seal temperature range	-	°C	75 - 130
Seal strength (min.)	120°C, 1s, 0,3 MPa	N/15 mm film strip	2,0
Shrinkage			***
MD	130°C, 15 min.	%	9 *
TD			10 *
Gloss	ASTM D 2457	%	min. 105 **
Haze	ASTM D 1003	%	max. 2,5 **

* After production

** After storage

*** Typical values



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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 protect 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 by cause 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 or ignition. Store in a cool, dry area, away from direct heat or sunlight (foil for food packaging applications keep away from hazardous chemicals). Polypropylene films characterics are maintained 6 monts from date production (except for metallized layer surface tension).

AVAILABILITY

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

Other parameters available on request.

* 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 recommendations 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

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