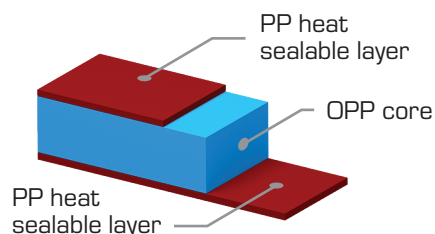


TATRAFAN SHT

COEXTRUDED BIAXIALLY ORIENTED PP FILM FOR TOBACCO WRAPPING

Description and Application

- Both-side heat sealable
- Intended for tobacco products packaging (cigarette boxes, cartons bundle wrapping, cigars...)
- Excellent optical properties (gloss, haze) and slip properties (tailored for high slip performance)
- Improved barrier properties (moisture, odor) and antiblocking properties



TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES			
Nominal thickness tolerance	DIN 53370	µm	16	18	20	25
		%	+5			
Unit weight tolerance	Internal method	g/m ²	14,8	16,4	18,2	22,8
		%	+5			
Yield		m ² /kg	67,6	61,0	54,9	43,9
Tensile strength MD (min.) TD (min.)		N/mm ²	160			
			270			
Elongation at break MD (max.) TD (max.)	DIN EN ISO 527-1/3	%	150			
			65			
Elasticity modulus MD (min.)		N/mm ²	2450			
Water vapour permeability (max.)	ASTM F 1249 23 °C, 85% r.h. 38 °C.90% r.h.	g/m ² .24h	1,6	1,5	1,4	1,4
			3,5	3,3	3,2	3,0
Oxygen permeability (max.)	DIN 53380 23%. 0% r.h.	cm ³ /m ² .24h. 0,1MPa	2300	2200	2100	2000
Dynamic coefficient of friction - film/film out /out side	ASTM D 1894	-	0,3			
Seal temperature range	Internal method	°C	105 - 140			
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	%	2,5	2,6	2,8	3,0

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