



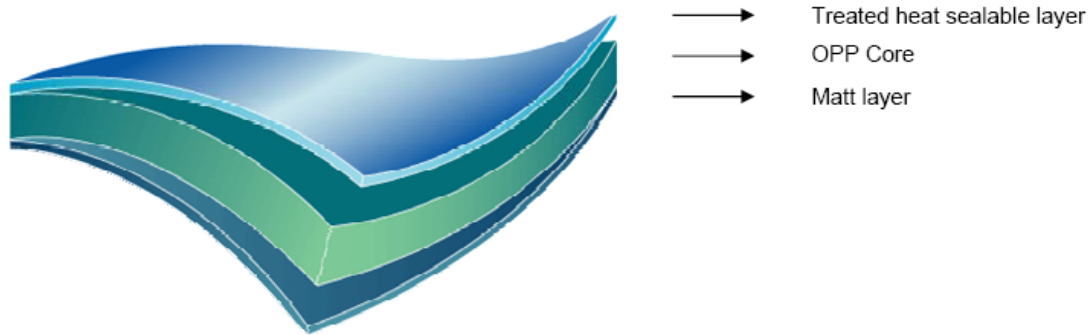
8708 W. Little York Road – Suite 170 Houston TX 77040 USA
 281-416-4449 Office or contact us info@impexglobalfilms.com

TECHNICAL DATA SHEET

**BOPP FILM HAVING ONE MATTE SIDE ON THE INTERIOR SIDE
 ONE- SIDE HEAT SEALABLE TREATED ON EXTERIOR SIDE**

TMS

Matt co-extruded BOPP film, one-side treated sealable layer



PROPERTIES

- ◆ One side matt surface, non reflective
- ◆ One side glossy surface
- ◆ Sealable on glossy side

TYPICAL APPLICATIONS

- ◆ Used in high quality laminates with luxurious appearance

FOOD CONTACT

TMS fully meets the overall migration requirements of EC Directive 2002/72/EC and USA FDA CFR21 sect.177.1520, and is therefore suitable for direct food contact.

ROLL SIZE AVAILABILITY

Availability	Standard Length (m)	4x (m)	6x (m)	8x (m)
TMS 20	3,200	12,800	19,200	25,600
TMS 30	2,100	8,400	12,600	16,800
Outside diameter - core 76 mm	305 mm	588 mm	716 mm	825 mm
Outside diameter - core 152 mm	337 mm	605 mm	730 mm	838 mm

TMS

Properties		Unit	Measuring method	TMS 20	TMS 30
Nominal thickness		μm		20	30
Weight per unit area		g / m^2	ISO 4591	17.6	26.4
Density		g / cm^3		0.88	
Yield		m^2 / kg		56.8	37.8
Coefficient of Friction, (dynamic) film to film (treated/untreated)	film to		ISO 8295	<0.45	<0.55
Wettability (min Treatment level)		mN/m	ISO 8296	> 38	
Haze		%	ASTM D 1003	80	80
Tensile Strength	MD	N / mm^2	DIN EN ISO 527-1/-3	130	
	TD			200	
Elongation at Break	MD	%	DIN EN ISO 527-1/-3	200	
	TD			50	
Shrinkage	MD	%	ASTM D 1204 120°C / 5min	4	
	TD			2	
WVTR 38°C 90% r. h.		$\text{g/m}^2\text{d}$	ASTM 1249	6.5	4.5

PRE-TREATMENT INDICATION

Standard TMS will be supplied with treatment outside. However, TMS can be manufactured as:

- non-corona-treated (N)
- 1-side treated (T)
- 2-sides treated (B)

The treatment is indicated by the additional letters in the grade nomenclature N, T or B.

STORAGE, HANDLING AND APPLICATION RECCOMENDATIONS

TMS will maintain consistent performance over a period of 6 months from date of production and should be converted during that time.

Products should be stored below 40°C, in dry and sun protected environment.

MD Machine direction

TD Transverse direction

NT/NT Non Treated side/Non Treated side

NOTE:



The above-mentioned data have been obtained using standard test procedures on defined specimens, and are provided in good faith. These results should therefore be regarded only as a general guide to material properties. It is for the customer to determine / decide a product's suitability for his / her own particular purpose. **IMPEX GLOBAL FILMS** does not claim and responsibility of the product for any particular purpose.