



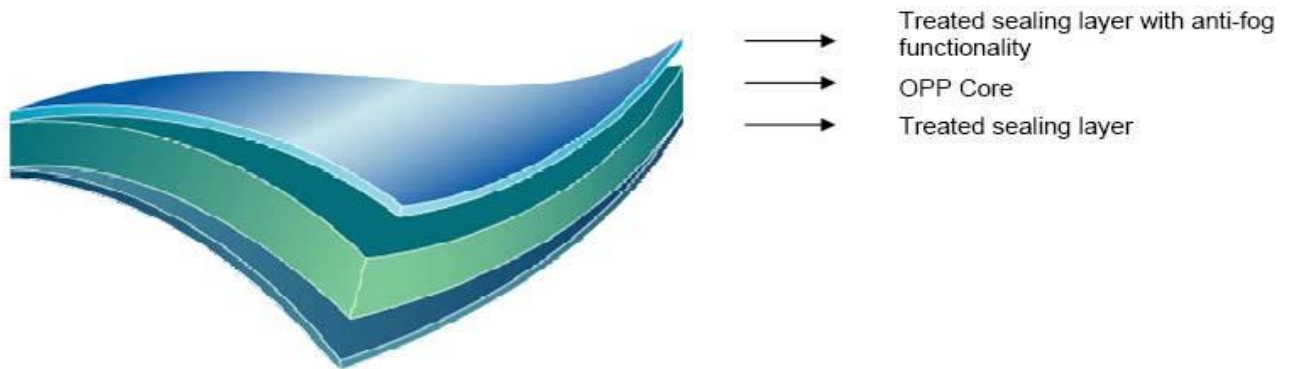
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TECHNICAL DATA SHEET

ANTI-FOG BOPP - TWO SIDES HEAT SEALABLE ONE- SIDE TREATED

TAS

Clear co-extruded BOPP film, with anti-fog functionality, both-sides treated



PROPERTIES

- ◆ Good optical properties
- ◆ Very good anti-fog performance
- ◆ High seal strength
- ◆ Can be used on a wide range of packaging machines

TYPICAL APPLICATIONS

- ◆ Display Packaging of fresh foods
- ◆ Single web applications

FOOD CONTACT

TAS 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)
TAS 18	3,550	14,200	21,300	28,400
TAS 20	3,200	12,800	19,200	25,600
TAS 25	2,550	10,200	15,300	20,400
TAS 30	2,100	8,400	12,600	16,800
TAS 35	1,800	7,200	10,800	14,400
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

TAS

Properties	Unit	Measuring method	TAS 18	TAS2 0	TAS 30	TAS 35	
Nominal thickness	μm		18	20	30	35	
Weight per unit area	g / m^2	ISO 4591	16.4	18.2	27.3	31.9	
Density	g / cm^3		0.91				
Yield	m^2 / kg		61.0	55.0	36.6	31.4	
Seal Strength	$\text{N} / 25.4 \text{ mm}$	130°C / 0.5 s. / 1 bar	4.0	4.0	5.0	6.0	
Sealing Range	°C		115 - 140				
Coefficient of Friction, (dynamic) film to film		ISO 8295	< 0.35				
Wettability (min Treatment level)	mN/m	ISO 8296	> 38				
Haze	%	ASTM D 1003	2.5	2.8	2.8	2.8	
Tensile Strength	MD	N / mm^2	DIN EN ISO 527-1/-3	150			
	TD			200			
Elongation at Break	MD	%	DIN EN ISO 527-1/-3	200			
	TD			60			
Shrinkage	MD	%	ASTM D 1204 120°C / 5min	4.0			
	TD			2.0			
WVTR 38°C 90% r. h.	$\text{g/m}^2\text{d}$	ASTM 1249	6.5	6.0	4.0	3.5	

PRE-TREATMENT INDICATION

Standard TAS will be supplied with treatment both sides (B) and anti-fog function inside. However, TAS can be supplied 1-side treated on the anti-fog side (T).

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

STORAGE, HANDLING AND APPLICATION RECCOMENDATIONS

TAS 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

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.