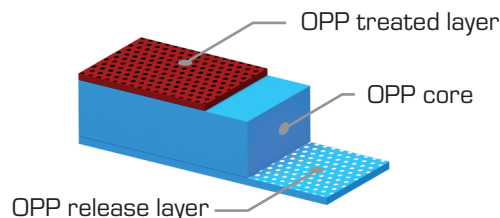


# TATRAFAN ONXE

## COEXTRUDED BIAXIALLY ORIENTED PP FILM

### Description and Application

- One side corona treated transparent film
- Excellent optical properties
- Typical application: release film in laminates with cold seal
- Suitable for food contact



### TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES		
<b>Nominal thickness</b> tolerance	DIN 53370	µm	15	20	25
		%	+5		
<b>Unit weight</b> tolerance	Internal method	g/m <sup>2</sup>	13,7	18,2	22,8
		%	+5		
<b>Yield</b>		m <sup>2</sup> /kg	73,0	54,9	43,9
<b>Tensile strength</b> MD (min.) TD (min.)	DIN EN ISO 527-1/3	N/mm <sup>2</sup>	130		
			250		
<b>Elongation at break</b> MD (max.) TD (max.)		%	200		
			65		
<b>Shrinkage</b> MD (max.) TD (max.)	130°C, 15min.	%	5		
			3,5		
<b>Water vapour permeability</b> (max.)	ASTM F 1249 23 °C, 85% r.h. 38 °C.90% r.h.	g/m <sup>2</sup> .24h	2,0	1,5	1,2
			9,0	67,0	6,0
<b>Oxygen permeability</b> (max.)	DIN 53380 23 °, 0% r.h.	cm <sup>3</sup> /m <sup>2</sup> .24h.0,1MPa	2500	1200	1800
<b>Dynamic coefficient of friction - film/film untreated/untreated side</b>	ASTM D 1894	-	0,25 - 0,45		
<b>Gloss</b> (20°) Glossy side (min)	ASTM D 2457	%	90		
<b>Haze</b> (max.)	ASTM D 1003	%	2,0		
<b>Surface tension</b> (min.)	ASTM D 2578	mN/m	38		

\* 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 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

ONXE	Bobbin	
	Core diameter (mm)	Outside diameter (mm)
15	76*; 76,8*; or 152*	Max. 780*
20		
25		

\*Standard

### ENVIRONMENT

When disposed of under orderly conditions no environmental damage effects occur. During burning under free air conditions only CO<sub>2</sub>, 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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