



# TATRAFAN<sup>®</sup> ONE

BIAXIALLY ORIENTED POLYPROPYLENE FILM

## DESCRIPTION AND APPLICATION

- \* non-sealable film compounded of homopolymere layer
- \* one side surface treated giving features required for the next converting
- \* food contact approved
- \* suitable for wrapping of various food products textiles and flowers

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES								
			10	15	19	20	25	30	34	35	40
Thickness tolerance	DIN 53370	µm	10	15	19	20	25	30	34	35	40
		%	± 5								
Square weight tolerance	ISO 536	g/m <sup>2</sup>	9,1	13,7	17,3	18,2	22,8	27,3	30,9	31,9	36,4
			± 5								
Yield	Internal	m <sup>2</sup> /kg	109,9	73,0	57,8	54,9	43,9	36,6	32,4	31,3	27,5
Tensile strength MD TD	ISO 527-3	MPa	≥ 130								
		MPa	≥ 250								
Elongation MD TD	ISO 527-3	%	≤ 200								
		%	≤ 65								
Water vapour permeability	DIN 53 122	g/(m <sup>2</sup> .24h)	3,0	2,0	1,5	1,5	1,2	1,0	0,9	0,9	0,9
Oxygen permeability	DIN 53380 23°C, 0% RH	cm <sup>3</sup> /(m <sup>2</sup> .24h.0,1MPa)	2 800	2 500	2 200	2 200	1 800	1 500	1 300	1 300	1 300
Coefficient of friction film/metall	ASTM D 1894		0,3								
Shrinkage MD TD	DIN 53377 130°C, 15 min	%	≤ 6								
		%	≤ 4								
Gloss	ASTM D 2457	%	90								
Haze	ASTM D 1003	%	2								
Surface treatment	EN ISO 8296	mN/m	≥ 38								