



TATRAFAN[®] ONXE

COEXTRUDED BIAXIALLY ORIENTED POLYPROPYLENE FILM

DESCRIPTION AND APPLICATION

- * one side heat sealable
- * one side surface treated
- * designed for laminated release applications
- * good slip and antistatic performance

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES		
			15	20	25
Thickness	DIN 53370	μm	15	20	25
tolerance		%	± 5		
Square weight	ISO 536	g/m^2	13,7	18,2	22,8
tolerance			± 5		
Yield	Internal	m^2/kg	73,0	54,9	43,9
Tensile strength	ISO 527-3	MD	≥ 130		
		TD	≥ 250		
Elongation	ISO 527-3	MD	≤ 200		
		TD	≤ 65		
Water vapour permeability	DIN 53 122	$\text{g}/(\text{m}^2.24\text{h})$	2,0	1,5	1,2
Oxygen permeability	DIN 53380 23°C, 0% RH	$\text{cm}^3/(\text{m}^2.24\text{h}.0,1\text{MPa})$	2 500	2 200	1 800
Coefficient of friction	ASTM D 1894		0,3		
film/metal					
Shrinkage	DIN 53377 130°C, 15 min	MD	≤ 5		
		TD	≤ 5		
Gloss	ASTM D 2457	%	≥ 90		
Haze	ASTM D 1003	%	$\leq 3,0$		
Surface treatment	EN ISO 8296	mN/m	≥ 38		