


# SKF Ecowear 1000

*Polyethylene – ultra high molecular weight*

DIN/ISO: PE-UHMW    ASTM: UHMW-PE

Property	Unit	Value	Standard
Standard color	–	Nature	
Hardness	Shore D	61	ISO 868
Density	g/cm <sup>3</sup>	0,93	ISO 1183
Yield stress	MPa	20	ISO 527-1
Elongation at break	%	≥350	ISO 527-1
Modulus of elasticity in tension	MPa	600	ISO 527-1
Coefficient of linear expansion 20–80 °C	K <sup>-1</sup>	1,7×10 <sup>-4</sup>	ASTM E831
Minimum service temperature	°C	–200	–
Maximum service temperature (permanent)	°C	+90	–
Maximum service temperature (short time)	°C	+125	–

IMPORTANT NOTE: The values shown above are only valid for material samples prepared for test purposes according to the stated standards.

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