


Polytetrafluoroethylene (Virgin PTFE)

SKF Ecoflon 1

DIN: PTFE

Property	Unit	Value	Standard
Standard color	–	White	
Durometer hardness	Shore D	57	ISO 868
Density	g/cm ³	2,16	DIN EN ISO 1183-1
Tensile strength	MPa	27	ASTM D4894
Elongation at break	%	300	ASTM D4894
Coefficient of thermal expansion, 25 °C	K ⁻¹	16x10 ⁻⁵	DIN ISO 7991
Coefficient of sliding	–	0,1	–
Coefficient of thermal conductivity	W/mK	0,23	DIN 52612
Minimum service temperature	°C	–200	–
Maximum service temperature	°C	+260	–

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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