


Polytetrafluoroethylene (PTFE) filled with 15% glass-fibre and 5% molybdenum disulfide)

SKF Ecoflon 2

DIN: PTFE

Property	Unit	Value	Standard
Standard color	–	Grey	
Durometer hardness	Shore D	62	ISO 868
Density	g/cm ³	2,27	DIN EN ISO 1183-1
Tensile strength	MPa	20	ASTM D 4745
Elongation at break	%	220	ASTM D 4745
Coefficient of thermal expansion, 25 °C	K ⁻¹	11x10 ⁻⁵	DIN ISO 7991
Deformation under load, unloaded 14 N/mm ² , 24 h, 25 °C	%	4,3	–
Coefficient of thermal conductivity	W/mK	0,48	DIN 62612
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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