

SKF Ecotal

Polyoxymethylene (POM), also known as "Polyacetale"

Property	Unit	Value	Standard
Standard color	–	Black	■
Durometer hardness	Shore D	82	ISO 868
Density	g/cm ³	1,41	DIN EN ISO 1183-1
Yield stress	MPa	65	ISO 527-1/2
Elongation at yield	%	8–10	ISO 527-1/2
Elongation at break	%	25	ISO 527-1/2
Tensile modulus	MPa	2 900	ISO 527-1/2
Impact resistance, charpy			
at +23 °C	kJ/m ²	10	ISO 179-1
at –30 °C	kJ/m ²	8	ISO 179-1
Water absorption, 23 °C, saturation	%	0,65	ISO 62
Coefficient of sliding	–	0,25–0,32	–
Minimum service temperature	°C	–50	–
Maximum service temperature	°C	+100	–

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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