


SKF Ecomid

Cast polyamide 6 (PA6)

Property	Unit	Value	Standard
Standard color	–	Black/natural 	
Durometer hardness	Shore D	77	ISO 868
Density	g/cm ³	1,15	DIN EN ISO 1183-1
Yield stress, saturated	MPa	55	ISO 527-1/2
Elongation at break, saturated	%	100	ISO 527-1/2
Tensile modulus, saturated	MPa	1 800	ISO 527-1/2
Impact resistance, charpy, 23 °C, saturated	kJ/m ²	no break	ISO 179-1
Water absorption, 23 °C, saturation	%	8,5	ISO 62
Moisture absorption, 23 °C, saturation	%	2,2	–
Coefficient of sliding	–	0,35–0,42	–
Minimum service temperature	°C	–40	–
Maximum service temperature	°C	+110	–

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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