

SKF Ecopaek

Polyaryletherketone (PEEK)

Property	Unit	Value	Standard
Standard color	–	Cream	
Durometer hardness	Shore D	87	ISO 868
Density	g/cm ³	1,30	DIN EN ISO 1183-1
Yield stress	MPa	100	ISO 527
Elongation at break	%	≥ 45	ISO 527
Tensile modulus	MPa	3 700	ISO 527
Impact resistance notched, charpy, 23 °C	kJ/m ²	7,0	ISO 179/1eA
Dimensional stability at high temperature HDT/A	°C	152	ISO R 75-f
Water absorption 24 h, 23 °C	%	0,07	ISO 62-1
Minimum service temperature	°C	–100	–
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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PUB SE/P8 12478/1 EN · October 2014

