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DATA SHEET

PEEK GF30 (30% GLASS FIBER)

Properties

Density		ISO 1183	g/cm ³	1,51
Service Temperature			C°	-60 +300
Maximum service temperature for few hours operation			C°	300
Tensile strength at break		ISO 527	MPa	155
Elongation at break		ISO 527	%	2
Modulus of elasticity in tension		ISO 179/leU	Kj/m ²	11,3
Impact strength		ISO 527	Mpa	11000
Hardness		ISO 13000-2	Shore D	91
Heat distortion	Method A	ISO 75	C°	315
Melting Point	Method A	ISO 3146	C°	340
Thermal coefficient of linear expansion		DIN 53752	1/K 10 ⁻⁵	1,7
Moisture absorption at 23°C, 50% RH		ISO 62	%	0,11