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DATA SHEET

PPSU

Properties

Density		ISO 1183	g/cm ³	1,29
Service Temperature			C°	-60 +210
Max. Service temperature for few hours operation			C°	210
Tensile strength		ISO 527	MPa	70
Elongation at break		ISO 527	%	>60
Impact resistance		ISO 179/leU	Kj/m ²	No break
Modulus of elasticity in tension		ISO 527	Mpa	2300
Heat distortion temperature	Method A	ISO 75	C°	207
Melting Point	Method A	ISO 3146	C°	225
Thermal coefficient of linear expansion		DIN 53752	1/K 10 ⁻⁵	5,6
Hardness			Shore A	84
Moisture absorption at 23°C, 50% RH		ISO 62	%	0,37
Water absorption at 23°C		ISO 62	%	1,1