

DATASHEET

MATERIAL

PEI

TECHNICAL DETAILS

Density	ISO 1183	g/cm ³	1,27
Service Temperature		°C	-100+170
Max.Service temperature for few hours operation		°C	200
Tensile strength	ISO 527	MPa	105
Elongation at break	ISO 527	%	60
Impact resistance	ISO 179/IeU	Kj/m ²	No break
Modulus of elasticity in tension	ISO 527	Mpa	3200
Heat distortion temperature	Method A	ISO 75	190
	Method B	ISO 75	200
Hardness			
Thermal coefficient of linear expansion	DIN 53752	1/K 10 ⁻⁵	5
Moisture absorption at 23°C, 50% RH	ISO 62	%	0.7
Water absorption at 23°C	ISO 62	%	1.25