



PEEK 10% PTFE

90% PEEK

10% PTFE

Properties	Norm	Value	Unit
Mechanical properties			
Hardness shore D	--	87	Sh. D.
Tensile strength (23°C)	DIN 53 504	70	N/mm ²
Elongation at break (23°C)	DIN 53 504	6 – 8	%min
Coëff. of friction v-steel – dynamic	--	0,22	--
Physical properties			
Compr. strength at 1% deformation (23°C)	--	110	N/mm ²
Electrical properties			
Dielectric strength	DIN 53 481	26	KV/mm
Thermal properties			
Coefficient of thermal expansion (20-150°C)	--	5,8	1/K.10 ⁻⁵
Maximum Continuous operating temperature	--	260	°C
Minimum Continuous operating temperature	--	-30	°C

Disclaimer: Information contained in this data sheet is up-to-date and correct as at the date of issue. The given information is only informative and we cannot guarantee the accuracy nor can we take any accountability for the use of this information. The customer is responsible for the quality of products and has to test usage and processing to use. Some values are based on the datasheet of the supplier, internal tests and research. The values are guideline values that can be used for comparison for material selection.