



PEEK GF30 Material Properties Data Sheet

Main Parameters:

Project	Unit	Index	ASTM Method
Surface Appearance	/	Natural	/
Relative Density	g/cm ³	1.51	ASTM D792, @23/23°C
Melting Point	°C	343	ASTM D3418,10°C/min
Water Absorption,24hr	%	0.25	ASTM D570
Max. long-term temp.	°C	250	/
Max. short-term temp.	°C	310	/
Tensile Yield Strength	Mpa	90	ASTM D638,50mm/min@23°C
Yield Elongation	%	/	
Tensile Strength at break	Mpa	/	
Elongation at break	%	/	
Coefficient of linear thermal expansion	m/(m·K)	20·10 ⁻⁶	/
Rockwell hardness	/	M99	ASTM D2240
Flammability	/	V-0	UL 94

All values are attributes of the used raw materials.

This data is valid for pure product. It's based on our current knowledge and offers no assurance of properties. it shouldn't be used to establish material specification limits.