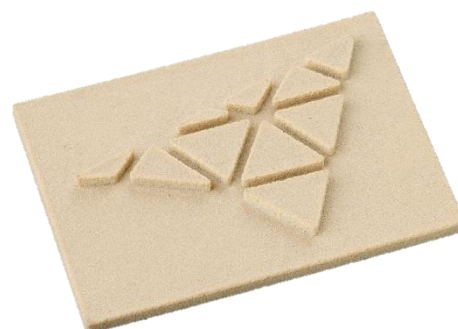


# PEKK

## Material datasheet PEKK 100

### general properties

properties	unit	value
base material	–	PEKK
colour	–	yellowish / brown
density laser-sintered	g/cm <sup>3</sup>	1,29
precision	mm	+/- 0,7 %, min. 0,1 mm



### mechanical properties

properties	unit	value
tensile modulus	MPa	3.900 – 4.000
tensile strength	MPa	60 – 81
elongation at break	%	1,6 – 2,3
Charpy notched impact strength	kJ/m <sup>2</sup>	1,7 – 2,7
Charpy impact strength	kJ/m <sup>2</sup>	6,5 – 10,4

### thermal properties

properties	unit	value
melting point	°C	298
melt flow rate	g/min	8g/10min



Dear PROTIQ customer, all information given is based on our knowledge and experience at the time of publication. In addition, the material properties can be influenced by component geometry, environmental influences and material additives. The stated material or component properties, as well as their suitability for specific applications, are neither agreed nor guaranteed, despite regular quality controls. The customer is responsible for checking the component properties and suitability for a specific application.