



Technical Data Sheet : CreatBot PEEK

Date: 12.04.2022

Version No: 2.0

Physical Properties	Standard	Typical Value	Unit
Density	ISO1183	1.30	g/cm ³

Mechanical Properties	Standard	Typical Value	Unit
Tensile Strength	ISO527	100	MPa
Tensile Modulus	ISO527	3720	MPa
Flexural Strength	ISO178	128	MPa
Flexural Modulus	ISO178	2700	MPa

Thermal Properties	Standard	Typical Value	Unit
Deflection Temperature (0.45MPa)	ISO75	170	°C
Glass Transition Temperature	DSC	143	°C

Printed Specimen Conditions	
Printer	CreatBot PEEK-300
Nozzle Temperature	440°C
Bed Temperature	120°C
Print Speed	20mm/s
Infill	100%, +/- 45°
Nozzle size	0.4mm
Layer height	0.15mm