



Technical Data Sheet : CreatBot PEI 9085

Date: 12.04.2022

Version No: 2.0

Physical Properties	Standard	Typical Value	Unit
Density	ISO1183	1.34	g/cm ³

Mechanical Properties	Standard	Typical Value	Unit
Tensile Strength	ISO527	62	MPa
Tensile Modulus	ISO527	2050	MPa
Flexural Strength	ISO178	90	MPa
Flexural Modulus	ISO178	2126	MPa

Thermal Properties	Standard	Typical Value	Unit
Deflection Temperature (0.45MPa)	ISO75	175	°C
Glass Transition Temperature	DSC	186	°C

Printed Specimen Conditions	
Printer	CreatBot PEEK-300
Nozzle Temperature	350°C
Bed Temperature	150°C
Print Speed	25mm/s
Infill	100%, +/- 45°
Nozzle size	0.4mm
Layer height	0.15mm