



Technical Data Sheet : CreatBot PLA-CF

Date: 12.04.2022

Version No: 2.0

Physical Properties	Standard	Typical Value	Unit
Density	ISO1183	1.29	g/cm ³

Mechanical Properties	Standard	Typical Value	Unit
Tensile Strength	ISO527	49	MPa
Tensile Modulus	ISO527	4950	MPa
Flexural Strength	ISO178	89	MPa
Flexural Modulus	ISO178	6320	MPa

Thermal Properties	Standard	Typical Value	Unit
Deflection Temperature (0.45MPa)	ISO75	91	°C
Glass Transition Temperature	DSC	60	°C

Printed Specimen Conditions	
Printer	CreatBot F430
Nozzle Temperature	210°C
Bed Temperature	50°C
Print Speed	40mm/s
Infill	100%, +/- 45°
Nozzle size	0.4mm
Layer height	0.2mm