



Technical Data Sheet : CreatBot PAHT-CF

Date: 12.04.2022

Version No: 2.0

Physical Properties	Standard	Typical Value	Unit
Density	ISO1183	1.15	g/cm ³

Mechanical Properties	Standard	Typical Value	Unit
Tensile Strength	ISO527	125	MPa
Tensile Modulus	ISO527	7808	MPa
Flexural Strength	ISO178	192	MPa
Flexural Modulus	ISO178	8512	MPa

Thermal Properties	Standard	Typical Value	Unit
Deflection Temperature (0.45MPa)	ISO75	113	°C
Glass Transition Temperature	DSC	188	°C

Printed Specimen Conditions	
Printer	CreatBot F430
Nozzle Temperature	300°C
Bed Temperature	80°C
Print Speed	45mm/s
Infill	100%, +/- 45°
Nozzle size	0.4mm
Layer height	0.2mm