



Technical Data Sheet : CreatBot PC

Date: 12.04.2022

Version No: 2.0

Physical Properties	Standard	Typical Value	Unit
Density	ISO1183	1.2	g/cm ³

Mechanical Properties	Standard	Typical Value	Unit
Tensile Strength	ISO527	62	MPa
Tensile Modulus	ISO527	2410	MPa
Flexural Strength	ISO178	78	MPa
Flexural Modulus	ISO178	2200	MPa

Thermal Properties	Standard	Typical Value	Unit
Deflection Temperature (0.45MPa)	ISO75	135	°C
Glass Transition Temperature	DSC	147	°C

Printed Specimen Conditions	
Printer	CreatBot F430
Nozzle Temperature	270°C
Bed Temperature	100°C
Print Speed	40mm/s
Infill	100%, +/- 45°
Nozzle size	0.4mm
Layer height	0.2mm