



Technical Data Sheet : CreatBot PVDF

Date: 12.04.2022

Version No: 2.0

Physical Properties	Standard	Typical Value	Unit
Density	ISO1183	1.71	g/cm ³

Mechanical Properties	Standard	Typical Value	Unit
Tensile Strength	ISO527	51	MPa
Tensile Modulus	ISO527	2450	MPa
Flexural Strength	ISO178	80	MPa
Flexural Modulus	ISO178	1800	MPa

Thermal Properties	Standard	Typical Value	Unit
Deflection Temperature (0.45MPa)	ISO75	158	°C
Glass Transition Temperature	DSC	/	°C

Printed Specimen Conditions	
Printer	CreatBot F430
Nozzle Temperature	260°C
Bed Temperature	90°C
Print Speed	40mm/s
Infill	100%, +/- 45°
Nozzle size	0.4mm
Layer height	0.2mm