



## Technical Data Sheet : CreatBot ABS

Date: 12.04.2022

Version No: 2.0

Physical Properties	Standard	Typical Value	Unit
Density	ISO1183	1.05	g/cm <sup>3</sup>

Mechanical Properties	Standard	Typical Value	Unit
Tensile Strength	ISO527	43	MPa
Tensile Modulus	ISO527	1950	MPa
Flexural Strength	ISO178	66	MPa
Flexural Modulus	ISO178	1985	MPa

Thermal Properties	Standard	Typical Value	Unit
Deflection Temperature (0.45MPa)	ISO75	78	°C
Glass Transition Temperature	DSC	105	°C

Printed Specimen Conditions	
Printer	CreatBot F430
Nozzle Temperature	250°C
Bed Temperature	90°C
Print Speed	40mm/s
Infill	100%, +/- 45°
Nozzle size	0.4mm
Layer height	0.2mm