



Technical Data Sheet : CreatBot OBC

Date: 12.04.2022

Version No: 2.0

Physical Properties	Standard	Typical Value	Unit
Density	ASTM D792	0.905	g/cm ³

Mechanical Properties	Standard	Typical Value	Unit
Tensile Strength	ASTM D1708	14	MPa
Tensile Modulus	ASTM D1708	/	MPa
Flexural Stress	ASTM D792	7.8	MPa
Flexural Modulus	ASTM D792	244	MPa

Thermal Properties	Standard	Typical Value	Unit
Deflection Temperature (0.45MPa)	DSC	130	°C
Glass Transition Temperature	DSC	-13	°C

Printed Specimen Conditions	
Printer	CreatBot F430
Nozzle Temperature	225°C
Bed Temperature	70°C
Print Speed	40mm/s
Infill	100%, +/- 45°
Nozzle size	0.4mm
Layer height	0.2mm