



## Technical Data Sheet: CreatBot TPU 95A

Print parameters	
Project	Data
Pre-printing drying conditions	70-80°C , 6-8 H
Nozzle temperature	210-230°C
Nozzle Diameter	0.4 / 0.6 / 0.8 / 1.0 mm
Print bed surface treatment	3D Printing Spray / PVP Glue Stick / Specialized Adhesive
Print bed temperature	20-50°C
Chamber temperature	/
Cooling fan speed	ON
Print speed	30-120 mm/s

Physical Properties	Test method	Data
Density	ISO1183	1.15g/cm <sup>3</sup>
Hardness	ISO 7619	95A
Melt index	200°C , 2.16 kg	30g/10 min
Melting temperature	DSC, 10°C/ min	/
Vicat softening temperature	ISO 306,GB/T 1633	99°C
Bayshore rebound	ISO 75 , 0.45MPa	28%

Mechanical Properties	Test method	Data
Tensile breaking strength XY	ISO 37	31 MPa
elongation at break XY	ISO 37	471%
tensile stress at 100% XY	ISO 37	9.75 MPa
tensile stress at 200% XY	ISO 37	12.2 MPa
tensile stress at 300% XY	ISO 37	17.0 MPa

### Disclaimer:

The above material performance data is from the CreatBot Laboratory and is intended solely for reference and comparison.

Actual 3D-printed model performance varies based on multiple factors, such as the printer, printing conditions, model geometry, and slicing software settings.

Users assume full responsibility for the legality and safety of their 3D printing when using CreatBot materials.

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