



Technical Data Sheet: CreatBot S-270

Print parameters	
Project	Data
Pre-printing drying conditions	80-100°C , 4-6 H
Nozzle temperature	260-280°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	70-90°C
Cooling fan speed	OFF
Print speed	30-120 mm/s
Retraction distance	0.6-2 mm
Vertical Offset Top/Down Layers	0
Horizontal offset	0.3-0.6
Recommended Support Infill Ratio	15-20%

Physical Properties	Test method	Data
Density	ISO1183	1.16g/cm ³
Saturated water absorption rate	25°C , 55%RH	0.4%
Melt index	260°C , 2.16 kg	5.1
Melting temperature	IOS 11357	168°C

Compatible with the following CreatBot filaments	
CreatBot	ABS-HF
CreatBot	ABS-CF
CreatBot	ABS-GF
CreatBot	PET-CF
CreatBot	PET-GF
CreatBot	TPU95A

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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