Technical Data Sheet   v1.0

Material
TPU 98A (Thermoplastic polyurethane) filament

Physical Properties	Test Method	Units	Value
Density	D792	g/cc	1.22

Mechanical Properties	Test Method	Units	Value
Izod Impact	ASTM D256*	J/m	407
Flexural Strength	ASTM D790*	MPa	3.3
Flexural Modulus	ASTM D790*	MPa	76
Tensile Strain @ Break %	ASTM D638*	%	236
Tensile Stress @ Break	ASTM D638*	MPa	17.9
Tensile Stress @ Yield	ASTM D638*	MPa	17.9
Tensile Strain @ Yield %	ASTM D638*	%	236

Thermal Properties	Test Method	Units	Value
Heat Deflection Temp	ASTM D648*	ºC	33.4

*Testing specimens **3D printed** with a 0.4mm nozzle, 0.2mm layer height, and 100% infill. The specimens were printed flat (XY) on the build plate at the temperatures according to each materials print settings located at www.pushplastic.com/pages/print-settings

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