

Technical Data Sheet

v1.0

Material
PETG (Unreinforced Glycol modified Co-Polyester) filament

Physical Properties	Test Method	Units	Value
Density	D792	g/cc	1.27

Mechanical Properties	Test Method	Units	Value
Izod Impact	ASTM D256*	J/m	44.4
Flexural Strength	ASTM D790*	MPa	69.8
Flexural Modulus	ASTM D790*	MPa	1927
Tensile Strain @ Break %	ASTM D638*	%	3.08
Tensile Stress @ Break	ASTM D638*	MPa	35.1
Tensile Stress @ Yield	ASTM D638*	MPa	34
Tensile Strain @ Yield %	ASTM D638*	%	3.25

Thermal Properties	Test Method	Units	Value
Heat Deflection Temp	ASTM D648*	°C	65.5

*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

www.PushPlastic.com



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