

PETG	Nominal Value *	Unit	Test Method
Physical			
Specific Gravity	1.27	g/cc	ASTM D 792
Hardness			
Rockwell Hardness (R-Scale)	116		ASTM D 785
Mechanical			
Tensile Strength	7690	psi	ASTM D 638
Flexural Modulus	0.312	Mpsi	ASTM D 790
Flexural Strength	11600	psi	ASTM D 790
Impact			
Notched Izod Impact 0.125'	1.7	ft-lbs/in	ASTM D 256
Thermal			
Heat Deflection Temperature (66 psi) Unannealed	165	°F	ASTM D 648
Flammability			
Flame Rating	V-2		UL 94
Recommended settings			
Nozzle Temperature	230 - 260	°C	
Heated Bed Temperature	70 - 100	°C	
Nozzle	0.4, 0.5, 0.6	mm	
Print Speed	25 - 50	mm/s	
Layer Height:	0.1 - 0.3	mm	
Infill	20 - 100	%	
Perimeter	2 - 3	mm	
Minimal Layer Time:	10	seconds	

*ASTM & ISO Properties /// note - Typical properties: these are not to be construed as specifications