



PA640GSL

Material Data

Light weight carbon filled material, excellent strength to weight ratio. Used in Aerospace, UAV Components and Motorsports.

Mechanical Properties	Value	Test Standard
Sintered Part Density	0.82 g/cm ³	ASTM D792
Ultimate Tensile (XY)	49 MPa	ASTM D638
Tensile Modulus (XY)	3,816 MPa	ASTM D638
Flexural Modulus (XY)	5,040 MPa	ASTM D790
Elongation at Break (XY)	3%	ASTM D638

Thermal Properties	Value	Test Standard
Heat Deflection Temperature	170 °C @ 1.82MPa	ASTM D648
Heat Deflection Temperature	180 °C @ 0.45MPa	ASTM D648

Product Features:

- Good mechanical properties
- Light weight
- Sand paper creates nice finish
- Good resolution

Characteristic:

Processing Laser Sintering

Natural Color Dark Gray



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Feel free to email us questions at info@ult3d.com or call: 503-848-8227
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