



# PA614GS

40% Glass Filled

## Material Data

Glass filled nylon is great when you are creating parts with higher thermal applications. Such as automotive parts. The surface finish is slightly smoother than the unfilled nylon. Also this material will sand nicely.

Mechanical Properties	Value	Test Standard
Sintered Part Density	1.22 g/cm <sup>3</sup>	ASTM D792
Ultimate Tensile (XY)	51 MPa	ASTM D638
Flexural Modulus (XY)	2,900 MPa	ASTM D790
Elongation at Break (XY)	9%	ASTM D638
Izod Impact Strength - Notched (XY)	65 J/m	ASTM D256
Izod Impact Strength - Un-notched (XY)	144 J/m	ASTM D256

Thermal Properties	Value	Test Standard
Heat Deflection Temperature	96C @ 1.82MPa	ASTM D648
Heat Deflection Temperature	157C @ 0.45MPa	ASTM D648

### Product Features:

- Smoother surface finish
- Good chemical resistance
- High detail resolution

### Characteristic:

**Processing** Laser Sintering

**Natural Color** Light Gray



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