

# PA615GS

## 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 nicer.

Mechanical Properties	Value	Test Standard
Sintered Part Density	0.861 oz/in <sup>3</sup>	ASTM D792
Tensile Modulus (XY)	857,172 psi	ASTM D638
Flexural Modulus (XY)	478,624 psi	ASTM D790
Elongation at Break (XY)	2%	ASTM D638
Izod Impact Strength - Notched (XY)	1.8 ft-lb/in	ASTM D256
Izod Impact Strength - Un-notched (XY)	2.3 ft-lb/in	ASTM D256

Thermal Properties	Value	Test Standard
Heat Deflection Temperature	273° F @ 264 psi	ASTM D648
Heat Deflection Temperature	354° F @ 66 psi	ASTM D648

### Product Features:

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

### Characteristic:

**Processing** Laser Sintering

**Natural Color** Light Gray