

# DIRECT METAL LASER SINTERING

# Stainless Steel 316L

## Product Specifications

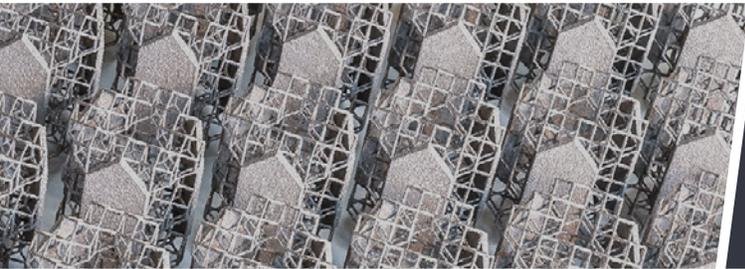


### Product Description

Stainless steel 316L is a workhorse material used for manufacturing acid and corrosion resistant parts. Select 316L when stainless steel flexibility is needed; 316L is a more malleable material compared to 17-4 PH. Final parts built in 316L receive stress relief application.

### Applications

The material is used for manufacturing acid and corrosion resistant prototypes and unique or series production parts in the following fields: Medical technology, plant engineering, automotive industry, jewelry and components for molds.



### Key Product Benefits

- ▶ Acid and corrosion resistance
- ▶ High ductility

### Properties

Resolution	Condition	Ultimate Tensile Strength (ksi)	Yield Stress (ksi)	Elongation (%)	Hardness
20 $\mu$ m	Stress Relieved	89	73	55	94 HRB
30 $\mu$ m	Stress Relieved	92	72	58	94 HRB