

DIRECT METAL LASER SINTERING

Stainless Steel 316L

Product Specifications

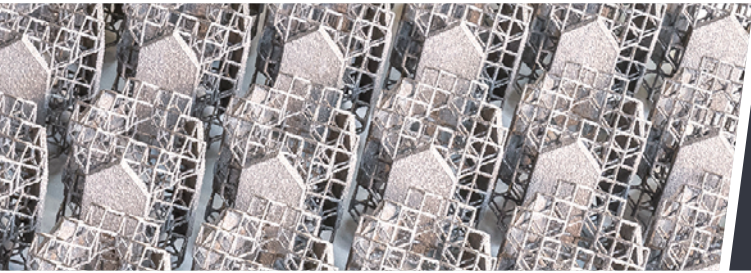


Product Description

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 μ m	Stress Relieved	89	73	55	94 HRB
30 μ m	Stress Relieved	92	72	58	94 HRB