

DIRECT METAL LASER SINTERING Cobalt Chrome (Co28Cr6Mo)

Product Specifications

Product Description

Cobalt-Chrome (Co28Cr6Mo) material is used in our DMLS process. It is a superalloy comprised primarily of cobalt and chromium, and is known for its high strength-to-weight ratio, excellent creep and corrosion resistance.

Applications

Cobalt-Chrome is a superalloy that is used for specialty applications within the aerospace and medical industries.



Key Product Benefits

- ► High performance tensile and creep
- Creep and corrosion resistance

Properties

Resolution	Condition	Ultimate Tensile Strength (ksi)	Yield Stress (ksi)	Elongation (%)	Hardness
20 µm	As Built	182	112	17	39 HRC
30 µm	As Built	176	119	14	38 HRC



All of the figures contained on this data sheet are approximate and dependent on a number of factors, including but not limited to, machine and process parameters. The information provided is therefore not binding and not deemed to be certified.