

CROMO COBALTO

APPLICATIONS:Part building applications such as functional metal parts,prototypes,small series,custom made parts and spare parts,high temperature and high stress aerospace components,surgicalò devices,medical implants.

CHEMICAL COMPOSITION: Co (balance), Cr (27.0-30.0 wt-%), Mo (5.0-7.0 wt-%), W (<0.2 wt-%), Si (<1.0 wt-%), Fe (max.0.75 wt-%), Mn (max. 1 wt-%).

DENSITY: 99.9%

	ASTM F1537 (Min.Requirement)	DMLS (ad built)	DMLS (Stress Relief)
<u>MECHANICAL PROPERTIES:</u>			
0.02% Yeld (MPa)	534	800	600
Ultimate Tensile (MPa)	926	1200	1100
Elongation (%)	20	8,4	8,5
Hardness (HRC)	25	38	42