

OTHER ALLOYS

Advamet® or Advacat® CoCrMo Datasheet

Advamet® is a wax/polymer binder system;

Advacat® is a POM based (catalytic) binder system.

Typical Chemical Composition (post Sinter)

C (%)	Cr (%)	Fe (%)	Mn (%)	Mo (%)	Ni (%)	Si (%)	Co (%)
0.000-0.015	27.0-30.0	0.00-0.75	0.00-1.00	5.0-7.0	0.000-0.100	0.00-1.00	balance

Other elements not to exceed 1.0% combined.
All percentages are in weight percent.

Typical Mechanical Properties

Nominal Typical Values	Density	UTS	YS	Elongation	Hardness
	(g/cm ³)	(ksi)	(ksi)	(in./in.)	(HRC)
As-sintered Grade	8.4	123	75	20	25

Actual results depend on processing – sintering and heat treatment cycles – used.



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