

# LOW-ALLOY STEELS

## Advamet® or Advacat® 8620 Datasheet

Advamet® is a wax/polymer binder system.

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

### Typical Chemical Composition (post Sinter)

C (%)	Ni (%)	Mo (%)	Cr (%)	Fe (%)
0.12-0.23	0.40-0.70	0.15-0.25	0.40-0.60	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
	(g/cm <sup>3</sup> )	(ksi)	(ksi)	%
As-sintered	7.4	94	58	3

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



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