

LOW-ALLOY STEELS

Advamet® or Advacat® 2700 Datasheet

Advamet® is a wax/polymer binder system;

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

Both systems are compliant to MPIF Standard 35: MIM-2700

Typical Chemical Composition (post Sinter)

C (%)	Ni (%)	Mo (%)	Si (%)	Fe (%)
0.1 max	6.5-8.5	0.5 max	1.0 max	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 ³)	(ksi)	(ksi)	(in./in.)
As-sintered	7.6	60	37	26

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



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