

OTHER ALLOYS

Advamet® or Advacat® MIM2200

Advamet® is a wax/polymer binder system;

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

Both systems are compliant to MPIF Standard 35: MIM-2200

Typical Chemical Composition (post Sinter)

C (%)	Ni (%)	Mo (%)	Si (%)	Fe (%)
0.1 max	1.5-2.5	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	Charpy unnotched impact	Apparent Hardness
	(g/cm ³)	(ksi)	(ksi)	(in./in.)	(ft* lbf)	(HRB)
As-sintered	7.65	42	18	40	100	45

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



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