



Atomised Iron Powder

Powder Metallurgy / Sinter

Grade	Chemical Composition in (%)						FeT	Particle Size - in Microns (%)					Apparent Density (Gms/CC)	Flow Rate (s/50gm)	Green Density @ 600 Mpa (Gm/CC)	Green Strength (N/mm ²)
	C	S	P	Mn	Si	O - tot		+250	+180	+150	- 150 + 45	-45				
GAPM 100.29	0.02	0.02	0.015	0.15	0.05	0.2	Base	--	>2	5 - 10	Bal.	15 - 25	3	27	7 - 7.3	25
GAPM 100.30	0.02	0.02	0.015	0.15	0.05	0.1		--	2	10 - 15	Bal.	25	3.05	25	7	24
GAPM 100.27	0.02	0.015	0.015	0.2	0.05	0.1		--	>3	5 - 10	Bal.	15 - 20	2.8	25	6.8	24
GAPM 80.29	0.03	0.02	0.02	0.2	0.05	0.2		>5	8	10 - 15	Bal.	15	2.95	24	6.7	22

Gas & Water Jet Cutting

Grade	Chemical Composition in (%)						Particle Size - in Microns (%)			Apparent Density (Gms/CC)	Flow rate (s/50 gm)
	C	S	Mn	Si	O - tot	FeT	>5 %	80 - 85 %	10-15 %		
GAGC 100.29	0.02	0.015	0.15	0.05	0.1	Base	+180	-150	-45	2.9-3.1	28-32
GAGC 40.29	0.03	0.015	0.15	0.05	0.15		+840	-400	+180	2.9-3.1	28-32
GAGC 20.29	0.03	0.015	0.15	0.05	0.15		+1000	-840	+400	2.9-3.1	28-32

Welding Grade & Core Wire Grade

Grade	Chemical Composition in (%)						FeT	Particle Size - in Microns (%)			Apparent Density (Gms/CC)	Flow rate (s/50 gm)
	C	S	Mn	Si	O - tot	>5 %		80 - 85 %	10-15 %			
GAW 60.29	0.03	0.02	0.2	0.1	0.2	Base	250	-250	+150	2.9-3.1	28-32	
GAW 40.29	0.03	0.02	0.2	0.1	0.15		400	-400	+180	2.9-3.1	28-32	
GAW 100	0.03	0.02	0.2	0.1	0.15		180	-180	+75	2.9-3.1	28-32	
GACW 40.29	0.03	0.02	0.2	0.1	0.2		400	-400	+250	2.9-3.1	28-32	
GACW 20.29	0.03	0.02	0.2	0.1	0.2		840	-840	+600	2.9-3.1	28-32	

Diamond Tools

Grade	Chemical Composition in (%)					FeT	Particle size in Microns (%)		Apparent Density (Gms/CC)	Flow rate (s/50 gm)
	C	S	Mn	Si	O - tot		>5	90-95		
GAD 20	0.01	0.02	0.1	0.05	0.1	Base	+840	-840	3.4	28 - 32
GAD 40	0.01	0.02	0.1	0.05	0.1		+400	-400	3.2	28 - 32
GAD 325	0.01	0.02	0.1	0.05	0.1		-45	+45	2.9	27 - 30

Oxygen Absorber

Grade	Chemical Composition in (%)					FeT	Particle Size in Microns (%)		Apparent Density (Gms/CC)	Flow rate (s/50 gm)
	C	S	Mn	Si	O - tot		>5 %	95-100 %		
GAOA 20	0.03	0.015	0.15	0.05	0.1	Base	840	-840	2.9-3.1	28-32
GAOA 40	0.03	0.015	0.15	0.05	0.1		+400	-400	2.9-3.1	28-32
GAOA 60	0.03	0.015	0.15	0.05	0.15		+250	-250	2.9-3.1	28-32
GAOA 80	0.03	0.015	0.15	0.05	0.1		+180	-180	2.9-3.1	28-32
GAOA 100	0.02	0.02	0.15	0.05	0.1		+150	-150	2.9-3.1	28-32



Gat no.259, Bhondvewadi Road, Bhondvewadi, Tah-Baramati, Dist-Pune - 412204.



info@gmpindiapl.com | marketing@gmpindiapl.com



+91 - 8956739113 | +91 - 8956739117



www.gmpindiapl.com