

## Metal Powder

Magnesium & Magnesium Alloys

Aluminium & Aluminium Alloys

Titanium

Tungsten

Molybdenum

Tantalum

Nickel

Tin

Rhenium

Cobalt

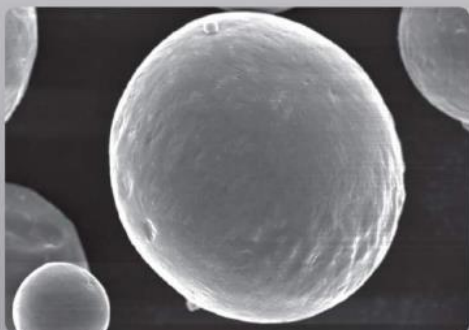
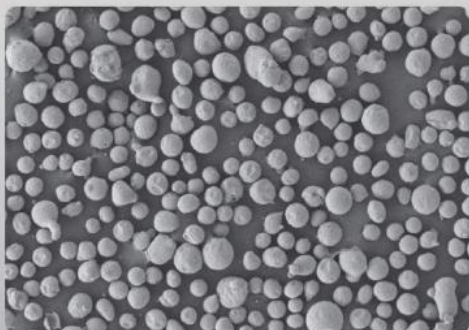
Boron

Chromium

Copper

Stainless

Customized Metal



\* You can find more products on the back page

## Metal Powder

### Magnesium Alloys

Product	Grade	Shape	Composition(%)	AD(g/cm3)	Particle Size
WE43	MPWE43	Spherical	Mg 93.6 Y4 Nd2.25 Zr 0.15	0.8 ~ 1.5	20~63 μm / 50~150 μm
AZ31B	MPAZ31B	Spherical	Mg 96 Al3 Zn 1 Mn 0.2	0.8 ~ 1.5	20~63 μm / 50~150 μm
AZ91	MPAZ91	Spherical	Mg 91 Al 8 Zn 0.6 Mn 0.2	0.8 ~ 1.5	20~63 μm / 50~150 μm

### Aluminum Alloys

Product	Grade	Shape	Composition(%)	AD(g/cm3)	Particle Size
Al12Si	A12SI-AM	Spherical	Si 12 Fe <0.55Mn <1.45 Al Bal.	0.9 ~ 1.3	20~63 μm / 50~150 μm
Al11Si1Mg	A11SIM-AM	Spherical	Si 11Fe <0.55 Mg 0.8~1.1 Al Bal.	0.9 ~ 1.3	20~63 μm / 50~150 μm
Al10SiMg	A10SIM-AM	Spherical	Si 10 Mg 0.2~0.45 Al Bal.	0.9 ~ 1.3	20~63 μm / 50~150 μm

### Stainless Steel

Product	Grade	Shape	Composition(%)	AD(g/cm3)	Particle Size
304L	S304LAM	Spherical	Cr 19 Ni 10 Si 1.5 Fe Bal.	4 ~ 6	10~50 μm / 50~150 μm
316L	S316LAM	Spherical	Cr 18 Ni 14 Mo 2.5 Fe Bal.	4 ~ 6	10~50 μm / 50~150 μm
410	S410AM	Spherical	Cr 12 C <0.15 Fe Bal.	4 ~ 6	10~50 μm / 50~150 μm
420	S420LAM	Spherical	Cr 13 C 0.2 Fe Bal.	4 ~ 6	10~50 μm / 50~150 μm
17-4PH	S630-AM	Spherical	Cr 16 Ni 4 Cu 4 NB 0.3 Fe Bal.	4 ~ 6	10~50 μm / 50~150 μm
M2	SM2-AM	Spherical	Cr 4 Si 0.3 Mo 5 V 2 Si 0.33 Mn 0.28 C 0.8 W 6 Fe Bal.	4 ~ 6	10~50 μm / 50~150 μm
M4	SM4-AM	Spherical	Cr 4 Si 0.3 Mo 5 V 4 Si 0.33 Mn 0.28 C 1.3 W 5.8 Fe Bal.	4 ~ 6	10~50 μm / 50~150 μm
18Ni300 (Maraging)	S18Ni300-AM	Spherical	Ni 18 Mo 4.8 Cr 0.3 Co 9 Ti 0.7 Al 0.1 Si 0.1 Mn 0.1 C 0.03 Fe Bal.	4 ~ 6	10~50 μm / 50~150 μm

### Nickel Alloys

Product	Grade	Shape	Composition(%)	AD(g/cm3)	Particle Size
Inconel 625	Nip625-AM	Spherical	Cr 20~23 Mo 8~10 Nb 3.15~4.15 Ni Bal.	3.5 ~ 5.5	10~50 μm / 50~150 μm
In718	Nip718-AM	Spherical	Cr 17~21 Mo 3 Nb 4.75~5.50 Ni 50~55	4 ~ 5.5	10~50 μm / 50~150 μm
Hastelloy X	NIHX-AM	Spherical	Cr 4 Si 0.3 Mo 5 V 4 Mn 0.3 C 1.3 W 5.8	4 ~ 6	10~50 μm / 50~150 μm

### Cocr Alloys

Product	Grade	Shape	Composition(%)	AD(g/cm3)	Particle Size
Co28Cr6Mo	COCRP-AM-1	Spherical	Cr 27~30 Mo 5~7 Co Bal.	4 ~ 5	10~50 μm / 50~150 μm
Co25Cr5W5Mo	COCRP-AM-2	Spherical	Cr 24~26Mo 4~6 W <4~6 Co Bal.	4 ~ 5	10~50 μm / 50~150 μm
Co28Cr9W1.5Si	COCRP-AM-3	Spherical	Cr 27~29 W 8~10 Si 1.2~1.8 Co Bal.	4 ~ 5	10~50 μm / 50~150 μm

### Titanium Alloys

Product	Grade	Shape	Composition(%)	AD(g/cm3)	Particle Size
TiAl6V4 ELI (grade 5)	TIP5-AM	Spherical	Al 5.5~6.75 V 3.5~4.5 Fe <0.3 Ti Bal.	2.2 ~ 3	10~50 μm / 50~150 μm
TiAl6V4 ELI (grade 23)	TIP23-AM	Spherical	Al 5.5~6.75 V 3.5~4.5 Fe <0.3 Ti Bal.	2.2 ~ 3	10~50 μm / 50~150 μm
Ti grade 2	TIP2-AM	Spherical	C <0.08 O<0.25 N <0.03 Fe < 0.3 Ti Bal.	2.2 ~ 3	10~50 μm / 50~150 μm
Ti grade 4	TIP4-AM	Spherical	C <0.08 O<0.4 N <0.03 Fe < 0.3 Ti Bal.	2.2 ~ 3	10~50 μm / 50~150 μm

### Copper Powder

Product	Grade	Shape	Composition(%)	AD(g/cm3)	Particle Size
Cu	CUPS-AM	Spherical	Cu 99.5 Min	2.8 ~ 3.8	10~50 μm