

**FE 101 – 102 – 103 - 104
Electrolytic Iron Powder**

FE 101-102-103-104	
Formula	Fe
Purity	99.9% min metals basis
Particle size	<10 um, -325 mesh, -100 mesh, Plasma Spray Grade

Chemistry		
Element	Specification	Typical Results
Arsenic	0.0003 max	<0.0001
Lead	0.0004 max	<0.0002
Mercury	0.0002 max	<0.0001
Acid insoluble	0.20 max	0.06
Carbon	-	0.011

Particle Size		
FE 101	<10-micron APS	5-7 microns
FE 102	-325 mesh	98% -325 mesh
FE 103	-100 mesh	98% -100 mesh
FE 104	Plasma Spray Grade	0.5% +100 mesh, 5% max -325 mesh



Electrolytic Iron Powder can be used in a wide range of applications including groundwater & soil remediation, powder magnetic cores, high-purity chemical manufacturing, pharmaceutical manufacturing, oxygen absorbers, paints/pigments, surface coating applications, additive manufacturing, metal injection molding, non-destructive testing, and more. It can also be used as a filler metal for plastics and epoxy's.