

FE 110-112-114-116
Hydrogen Reduced Iron Powder

FE 110-112-114-116	
Formula	Fe
Purity	99.8% min metals basis
Particle size	-325 mesh, -100+325 mesh, -50+100 mesh, -30+80 mesh

Chemistry		
Element	Specification	Typical Results
Carbon	0.01 max	0.003
Sulfur	0.025 max	0.008
Oxygen	0.25 max	0.08
Hydrogen loss	1.75 max	1.48
Acid insoluble	0.9 max	0.21

Particle Size		
Catalog number	Particle size	Apparent Density
FE 110	-325 mesh	-
FE 112	-100+325 mesh	2.55 g/cm ³
FE 114	-50+100 mesh	3.40
FE 116	-30+80 mesh	2.90



Hydrogen reduced iron powders are used to manufacture sintered components, soft magnetic components, brazing, iron fortification, friction products, printing, surface coating, welding, chemistry, and polymer filtrations.

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Atlantic Equipment Engineers. For more information and assistance, please call (201) 384-5606.

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