

ATOMET 110DF is a coarse, high purity atomised iron powder for welding, alloying and chemical applications.

TYPICAL PHYSICAL PROPERTIES

Apparent density 2.45 g/cm³
Flow rate (Hall) 37 seconds/50g

TYPICAL SCREEN AND CHEMICAL ANALYSES

Typical Screen analysis

<u>U.S. Standard Sieves</u>	<u>Microns</u>	<u>Wt. %</u>
+ 30 mesh	> 600	Trace
- 30 + 40 mesh	425	4
- 40 +100 mesh	150	95
- 100 mesh	< 150	1

Chemical analysis (wt %)

Iron	> 99 %
Carbon	0.120%
Oxygen	0.400%
Sulphur	0.008%
Phosphorus	0.010%
Manganese	0.180%
Silicon	0.015%
Vanadium	0.005%
Chromium	0.050%
Titanium	0.001%
Calcium	0.001%

Rio Tinto, Metal Powders

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