

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

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**TYPICAL PHYSICAL PROPERTIES**

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**Apparent density**      3.00 g/cm<sup>3</sup>  
**Flow rate (Hall)**        37 seconds/50g

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**TYPICAL SCREEN AND CHEMICAL ANALYSES**

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**Typical Screen analysis**

<u>U.S. Standard Sieves</u>	<u>Microns</u>	<u>Wt. %</u>
+ 30 mesh	> 600	Trace
- 30 + 40 mesh	425	2
- 40 +100 mesh	150	95
- 100 mesh	< 150	3

**Chemical analysis (wt %)**

Iron	> 99 %
Carbon	0.005%
Oxygen	0.120%
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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