



## W100B

A sponge iron powder with 1% Boron. Thanks to its high purity, consistent chemistry and particle size distribution, it is ideal for use in flux cored wires. The purposely designed content of 1% Boron, ensures a very homogeneous and segregation free addition of Boron in the fill and hence a uniform distribution in the weld. This feature is crucial to consistent mechanical properties of the weld metal. W100B also has a low moisture absorption in contrast to regular Ferro Boron materials.

**For more information, please contact your local sales representative.**

### Typical data:

Powder Grade	W100B
Apparent density g/cm <sup>3</sup>	2.4

#### Particle size distribution %

+212µm	0
150-212µm	2
106-150µm	24
75-106µm	31
45-75µm	23
-45µm	20

#### Chemical analysis %

C	0.05
S	0.005
P	0.002
Si	0.10
Mn	0.04
Other	B 1.0