



## W100.25

A low density sponge iron powder with low levels of impurities and high consistency in chemical analysis and particle size distribution.

A versatile powder for use in both covered electrodes, flux cored and metal cored wires. Whilst it can be used as the main iron powder in flux cored wires, small to medium additions together with other Höganäs grades in electrodes and metal cored wires are beneficial. Welding performance is improved for all three filler metal types.

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

### Typical data:

Powder Grade	W100.25
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 %	
H <sub>2</sub> -loss	0.15
C	0.005
S	0.005
P	0.002
Si	0.05
Mn	0.03