



W40.29

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

The powder is particularly well suited for basic covered electrodes, (AWS 7018 types) and can be regarded as the role model among iron powders for basic electrodes. W40.29 improves extrusion properties, stabilizes the coating, lowers the spatter levels, gives a smoother arc and improves productivity, all leading to a superior product performance.

For more information, please contact your local sales representative.

Typical data:

Powder Grade	W40.29
Apparent density g/cm ³	2.9

Particle size distribution %

+500µm	0
300-500µm	4
212-300µm	18
150-212µm	37
106-150µm	29
75-106µm	8
-75µm	4

Chemical analysis %

H ₂ -loss	0.17
C	0.04
S	0.008
P	0.002
Si	0.07
Mn	0.04