

## QuMed4009

EN ISO 14343-A G/W (13) AWS A5.9: ER 410; M.-No. ~1.4009

is suitable for build-up welding on structural parts in water, gas and steam atmosphere and similar 13% martensite Cr-steels where a high corrosion resistance is needed. The weld is polishable.

Applications on non- and low-alloyed steels for temperatures up to 450°C.

### Recommended for

1.4000 – 1.4006; 1.4008; building-up on 1.2083; 1.2085; AISi 410; 420

### Rework

The weld can be polished and machined.

### Material analysis in %

C	Si	Mn	Ni	Cr
0,08	0,6	0,65	0,4	13,0

(test certificates upon request.)

### Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	N/mm <sup>2</sup>	380
Tensile strength Rm	N/mm <sup>2</sup>	550
Elongation A (Lo = 5do)	%	15
Hardness untreated	HB	150 - 225

### Following standard:

#### Laser welding wires

rods: 333 mm / 1.000 mm

spool: K80 / K125 / K250 / SH253 / MA125

The reported values were determined by the manufacturer and / or by a neutral Laboratory. We cannot guarantee for the accuracy.