

QuFe52

EN ISO 14343-A: W/G 23 12 L Si; AWS SFA-A5.9 ER 309 L (Si); M.- No.: 1.4332

is used for joint and build-up welding in chemical apparatus and vessel constructions with working temperatures of up to 350°C. Cladding on non- and low-alloyed base steels and dissimilar joints.

Recommendation for

1.4306, 1.4401, 1.4404, 1.4541, 1.4550, 1.4571, 1.4580 with carbon steels

Rework

Material-typical treatment

Material analysis in %

C	Si	Mn	Cr	Ni	Fe
0,02	0,4	1,8	23,0	13,5	Rest

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	430
Tensile strength Rm	MPa	600
Elongation A (Lo = 5do)	%	31
Hardness untreated	HRC	

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.