

QuFe52

(W.-Nr. 1.4332)

is used for joining and surfacing in chemical apparatus and vessel constructions with working temperatures of up to 350°C. Cladding on none and low-alloyed base steels and dissimilar joints.

Recommended 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

Ø	N / mm ²	elongation AL100	Items on stock rods	spools
0,2	-	-	-	-
0,3	-	-	X	-
0,4	-	-	X	-
0,5	-	-	X	-
0,6	-	-	X	-
0,7	-	-	-	-
0,8	-	-	-	-

Hardness after welding

Ø	HRC	base material
1. layer		
2. layer		
3. layer		

(results on request)

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 determined. For the accuracy we can not guarantee)