

QuNi26

(W.-Nr. 2.4806)

is predominantly used for joining identical or similar high heat resistant Ni-base alloys, heat resistant austenite, and for joining heat resistant austenitic-ferrite materials.

Recommended for:

2.4816, 2.4817, 2.4851, 1.4876, 1.6907

Rework

material-typical treatment

Material analysis in %

C	Si	Mn	Cr	Nb	Fe	Ni
< 0,02	<0,2	3,0	20,0	2,7	0,8	Rest

(test certificates upon request.)

Standard/Mechanical Values

Ø	N / mm ²	elongation AL100	Items on stock rods	Items on stock spools
0,2	-	-	-	-
0,3	1763	2,80	X	X
0,4	1566	2,60	X	X
0,5	1804	3,20	X	X
0,6	-	-	X	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)