

## QuFe35

(W.-Nr. 1.4115)

is used for wear-resistant cladding on hot working and high-tensile steels.  
The martensitic weld deposit is wear resistant also at elevated temperatures.

### Recommended for:

1.2085 and similar martensitic GW

### Rework

material-typical treatment

### Material analysis in %

C	Si	Mn	Cr	Mo	Fe
0,22	0,7	0,7	17,5	1,2	Rest

(test certificates upon request.)

### Standard/Mechanical Values

Ø	N / mm <sup>2</sup>	elongation AL100	Items on stock rods	Items on stock spools
0,2	-	-	-	-
0,3	209	2,30	X	X
0,4	1058	1,90	X	X
0,5	200	2,60	X	X
0,6	138	2,30	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)