

## QuFe44

EN ISO 14343-A G/W 19 12 3 I(Si); AWS A-5.9 ER316L(Si) M.- No.: 1.4430

The material is suitable for joining stainless steel and heat resistant steels, non-corrosive build-up welding for e.g. apparatus and components for the food industry, chemical industry, textile and fuel industry.

### Recommendation for:

1.4401, 1.4404, 1.4571, 1.4580, 1.4583

### Material analysis

C	Si	Mn	Cr	Ni	Mo
0,02	0,85	1,8	18,5	12,5	2,6

(Test certificate upon request)

### Mechanical values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	430
Tensile strength Rm	MPa	650
Elongation A (Lo = 5do)	%	30
Hardness untreated	HRC	

### Following standard:

#### Laser welding wires

Rods: 333 mm / 1.000 mm special lengths upon request

Spools: 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.