

QuFe66

EN ISO 14343-A G/W (17) AWS A5.9: ~ER 430; W.-Nr. 1.4015

The material is suitable for build-up welding on construction parts in water, gas and steam atmospheres and similar 17 % martensitic chrome steels where corrosion resistance is required. The weld can be easily polished. The material can be applied to non-alloy and low-alloyed steels up to a temperature of 450°C.

Recommended for:

1.4057, 1.4059; 1.4740; 1.4742, AISI 430 Application to steels like 1.2083, 1.2085

Re-working

The weld is easily polished and worked on.

Material analysis

C	Si	Mn	Ni	Cr
0,08	0,75	0,70	0,20	17,5

(test certificates upon request.)

Standard / Mechanical Values

Protective gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield point Re	N/mm ²	300
Tensile strength Rm	N/mm ²	450
Elongation A (Lo = 5do)	%	15
Untreated hardness	HB	175

Following standard:

Laser welding wires

Rod: 333 mm / 1.000 mm special lengths upon request

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.