

QuFe35

EN 12072: G Z 17Mo; EN 14700: S ZFe7; EN ISO 14343-A: G/W 17Mo ; AWS A5.9: ~ER430; M.- No.: 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.

Recommendation 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

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	490
Tensile strength Rm	MPa	690
Elongation A (Lo = 5do)	%	15
Hardness untreated	HRC	39 - 45

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.
We cannot guarantee for the accuracy.