

QuMed4122

EN ISO 14343-A W Z17MoH/GZ17MoH AWS A5.9 ER430 mod; M.- No.: 1.4122

The basic material is suitable for joint and build-up welding on similar non-rusting Cr-steels and kind of cast steels.
Build-ups on mating surfaces of gas, water and steam braces out of unalloyed steels for operating temperature up to 450°C.

Recommended for

1.4122 and other similar 17% chrome-steels

Material analysis in %

C	Si	Mn	Mo	Cr	Ni
0,40	0,50	0,45	1,1	16,5	0,5

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	N/mm ²	550 after heat treatment 760°/ 2h
Tensile strength Rm	N/mm ²	750 after heat treatment
Elongation A (Lo = 5do)	%	12 after heat treatment
Hardness untreated	HRC	47 - 52

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.