

Qu4519

EN ISO 14343-A: G/W 20 25 5 Cu L; AWS7ASME SFA-5.9: ~ER 385 M.- No.: 1.4519

Joint and build-up welding on similar steels. Corrosion resistant on non-oxidated media (up to 90% sulfuric acid, phosphoric acid and organic media. Resistant against pitting corrosion up to 1000°C (air)).

Acceptable operating temperature from -10°C up to +350°C

Recommended for:

1.4500, 1.4536, 1.4539, 1.4505, 1.4506

Material analysis in %

C	Si	Mn	P	S	Cr	Mo	Ni	Cu
0,02	0,70	2,00	0,025	0,020	20,0	5,00	25,0	1,50

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	320
Tensile strength Rm	MPa	510
Elongation A (Lo = 5do)	%	25
Hardness untreated	HRC	

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.