

Qu4462

EN ISO 14343-A G/W 22 9 3 ML; AWS/ASME SFA-5.9; M.- No.: 1.4462

The welding is suitable for joint weldings of nonrusting and ferretic-austenitic duplex steels.

IK-constant (Wetcorrosion up to 250°C)

It has a good resistance against localised corrosion and corrosion susceptibility by stress cracking at chloric and sulfur-containing media.

Recommended for:

1.4347, 1.4462, 1.4417, 1.4460, 1.4582

Material analysis in %

C	Si	Mn	P	S	Cr	Mo	Ni
0,03	1,00	2,00	0,035	0,015	22,00	3,00	9,00

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	480
Tensile strength Rm	MPa	680
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.