

QuMed4455

EN ISO 14343-A: G7W 20 16 3 Mn L M.- No.: 1.4455

Alloy for connections on low-carboned, corrosion-resistant, non-magnetizable and tough at sub-zero temperature steels. Good resistance against azotic acid (carbamide synthesis)
For operation temperatures from -196°C up to +400°C.

Recommended for

1.3948, 1.3952, 1.3964, 1.4429, 1.4438, 1.4583

Material analysis in %

C	Si	Mn	P	S	Cr	Mo	Ni
0,03	0,60	7,50	0,035	0,020	20,5	3,00	15,5

(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	400
Tensile strength Rm	N/mm ²	600
Elongation A (Lo = 5do)	%	30
Hardness untreated	HB	

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 determined.
For the accuracy we cannot guarantee.