

QuSuperduplex

ISO 14343-A : G/W 25 9 4 N L / AWS A5.9: ER 2594 ~1.4410

For welding in offshore areas.

Stainless, IK resistant material which because of its high CrMo(N) content, has a high resistance to pitting and stress corrosion cracking.

Recommended for:

1.4410; 1.4515; 1.4517; 1.4576; 1.4593; 1.4501

25% Cr. Superduplexsteel Zeron 100; Falc 100; SAF 25/07

Material analysis

C	Si	Mn	N	Mo	Cr	Ni
0,02	0,50	0,80	0,2	3,7	25,0	9,0

(Test certificates upon request.)

Standard / Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	670
Tensile strength Rm	MPa	850
Elongation A (Lo = 5do)	%	25
Hardness untreated	HRC	

Following standard:

Laser welding wire

Rod: 333 mm / 1.000 mm special lengths upon request

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.