

Qu4550

DIN EN 10028-7 X6CrNiNb 18-10; AISI 347; M.- No.:1.4550

The material shows of a good resistance against intercrystalline corrosion also in welded form.

Material analysis in %

C	Si	Mn	P	S	Cr	Ni	Nb
0,08	0,80	1,50	0,045	0,015	18,0	10,5	0,80

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	205
Tensile strength Rm	MPa	520
Elongation A (Lo = 5do)	%	35
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.