

QuAlSi10

EN ISO 18273: S AlSi10 (S AlSi10Mg) M.- No.: 3.2383

is suitable for joint and build-up welding on Aluminium-silicon alloys of up to 10% Si.

Recommendation for basic materials

Aluminium – Silicon – alloys up to 10 % Si, dissimilar Al-alloys

Rework

Material-typical treatment

Material analysis in %

Si	Fe	Mn	Mg	Al
9,0 - 11,0	max. 0,50	max. 0,40	0,20 - 0,50	Rest

(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	70
Tensile strength Rm	N/mm ²	140
Elongation A (Lo = 5do)	%	4
Hardness untreated	HRC	

Following standard:

Laser welding wires special lengths upon request

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.
We cannot guarantee for the accuracy.