

QuAlSi5

EN ISO 18273 S AL 4043A (AlSi5 (A)); AWS/SFA A5.10: ER4043; M.- No.: 3.2245

is suitable for joining and applications on AlSi-alloys up to 5 % Si, as well as dissimilar types of aluminium alloys.

Recommendation for basic materials

Aluminium – Silicon – alloys up to 7 % Si, dissimilar Al-alloys

Rework

Material-typical treatment

Material analysis in %

Si	Mn	Fe	Al
5,0	< 0,2	< 0,4	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	40
Tensile strength Rm	N/mm ²	120
Elongation A (Lo = 5do)	%	8
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.