

QuAlSi5

(W.-Nr.: 3.2245)

is suitable for joining and surfacing aluminium-silicon. Alloys of up to 7% Si, as well as dissimilar types of Aluminium Alloys.

Recommended 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

Ø	N / mm ²	elongation AL100	Items on stock	
			rods	spools
0,2				
0,25				
0,3			X	X
0,4			X	X
0,5			X	X
0,6			X	X
0,7				
0,8				

hardness after welding

Ø	HRC	base material
1. layer		
2. layer		
3. layer		

(results on request)

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 can not guarantee)