

# QuAlSi12

(W.-Nr.: 3.2585)

is suitable for joining and surfacing Aluminium-silicon alloys of up to 12% Si, as well as dissimilar types of aluminium alloys.

### Recommended for basic materials:

Aluminium – Silicon – alloys up to 12 % Si,  
Dissimilar Al-alloys

### Rework

material-typical treatment

### Material analysis in %

Si	Fe	Al
12	0,2	Rest

(test certificates upon request.)

### Standard / Mechanical values

Ø	N / mm <sup>2</sup>	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			X	X
0,8				

(results on request)

### 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)