

## QuAlSi7

EN ISO 18273; S AL 40104018 (AlSi7Mg) : AWS/SFA A 5.10 ER40104018; M.- No.: ~3.2371

is suitable for joint and build-up welding on Aluminium-silicon alloys of up to 7% Si.

### **Recommended for basic materials**

For joints and build ups on aluminum – silicon – alloys up to 7 % Si

### **Rework**

Material-typical treatment

### **Material analysis in %**

Si	Fe	Ti	Mg	Al
6,5 - 7,5	0,20	0,20	0,50 - 0,80	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 <sup>2</sup>	40
Tensile strength Rm	N/mm <sup>2</sup>	120
Elongation A (Lo = 5do)	%	8
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.