

QuCu82

EN ISO 24373 S-Cu 6560 (CuSi3Mn1); AWS A-5.7: ErCuSi-A ; M.- No.: 2.1461

is used for joint and build-up welding on copper, low alloyed copper base alloy, copper-zinc alloy as well as silicium bronze. It's also applicable for build-up welding on unalloyed and low alloyed steels and on cast iron.

Recommendation for

Cu-; CuZn-alloy

Rework

Material- typical treatment

Material analysis in %

Si	Mn	Sn	Zn	Fe	Cu
3,0	1,00	0,10	0,10	0,07	Rest

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	150
Tensile strength Rm	MPa	390
Elongation A (Lo = 5do)	%	40
Hardness untreated	HB	80

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.