

QuCu84

EN ISO 24373 S/G-Cu6511 (CuSi2Mn1); AWS A-5.7; ERCuSi-A W.-Nr. 2.1522

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 like CuZn5; CuZn10, CuZn15

Rework

Material- typical treatment

Material analysis in %

Si	Mn	Sn	P	Cu
1,8	1,00	0,20	0,01	Rest

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	285
Tensile strength Rm	MPa	530
Elongation A (Lo = 5do)	%	45
Hardness untreated	HB	62

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.