

QuCu38

EN ISO 24373 S-CU 1897 (CuAg1); AWS A 5.7 : ERCu ; M.- No.: 2.1211

is used for build-up and repair welding of copper and Ampcoloy-alloys. Very suitable for repairs to spark-eroding electrodes. Ductile weld, close-grained structure and high electrical conductivity. The usable hardness is increased by cold storing.

Recommendation for

Pure copper (eroding electrodes)
Ampcoloy-alloys

Rework

Material-typical treatment

Material analysis in %

Ag	Mn	Ni	Cu
1,0	0,2	0,3	Rest

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	80
Tensile strength Rm	MPa	230
Elongation A (Lo = 5do)	%	18
Hardness untreated	HB	60

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.