

## QuCu38

is used for surfacing, crack and repair welding of Copper and Amcoloy-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 (aging).

### **Recommended for:**

Pure copper (eroding electrodes)

Amcoloy-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**

Ø	N / mm <sup>2</sup>	elongation AL100	Items on stock rods	Items on stock spools
0,2				X
0,3			X	
0,4			X	
0,5			X	
0,6			X	X
0,7				
0,8				

### **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)