

QuCu85

DIN EN ISO 24373 S Cu5410; DIN 1733 SG-CuSn13; M.- No.:2.1056

is used for joint and build-up welding on copper-tin, CuZn-alloys and CuSnZnPb-cast alloys(Rg5,Rg6) Seawater and corrosion resistant surfacing on cast-iron.

Recommendation for

Copper-tin alloy e.g. Bronze with 12% Sn Copper-Zink alloy.
Build up welding on cast iron, copper-tin-zink-lead alloys
(Red bronze Rg5, Rg7)

Rework

Material- typical treatment

Material analysis in %

Cu	Sn	P	others
Rest	12,0 - 13,0	0,15 - 0,25	max. 0,5

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	200
Tensile strength Rm	MPa	350
Elongation A (Lo = 5do)	%	15
Hardness untreated	HB	120

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.