

QuCu80

EN ISO 24373; S Cu 6338 (CuMn13AL8Fe3Ni2); AWS-A5.7: ER CuMnNiAl; DIN8555 MSG 31 GZ 200
M.- No.: 2.1367

is used for the build-up, crack and joint welding of mould inserts from AMPCO bronzes Ampcoloy alloys. Cladding on GGG alloys (e.g. drawing tools). Cladding on tool steels or cast. Good gliding properties, sea water resistant, pitting resistant.

Recommendation for

Cu-Al complex aluminum bronzes, surfacing of steel and cast iron.

Rework

Material-typical treatment

Material analysis in %

| Al | Mn | Fe | Ni | Cu |
|-----|------|-----|-----|------|
| 7,5 | 13,0 | 2,5 | 2,5 | Rest |

(test certificates upon request.)

Standard/Mechanical Values

| Inert gas | Argon | Values of the pure weld metal |
|-------------------------|-------|-------------------------------|
| Temperature | 20°C | |
| Yield strength Re | MPa | 400 |
| Tensile strength Rm | MPa | 650 |
| Elongation A (Lo = 5do) | % | 10 |
| Hardness untreated | HB | 250 |

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.