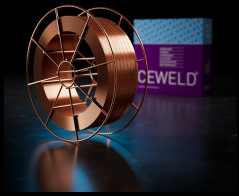




CEWELD CuAg

| TYPE | Copper GMAW filler metal alloyed with silver | | | | | | | | | | | | | | | | | |
|---|--|---|-------------------------|----------------------|--------------------|-------------------------|--------------------|----------|-------------------------|------|-----------|------|------|------|------|--|-----|--|
| ANWENDUNGEN | Electrical contacts, cables, joining copper alloys, rebuilding copper components, installations made from copper tubes etc. | | | | | | | | | | | | | | | | | |
| EIGENSCHAFTEN | Copper alloy, silver-alloyed-with a slightly higher percentage of phosphor, suitable for MIG welding, easy to handle, high plasticity of the weld metal. High quality alloyed copper wire. The weld metal is a Copper-Silver alloy. Sound, pore free deposits and high electrical conductivity. Excellent corrosion resistance. | | | | | | | | | | | | | | | | | |
| KLASSIFIKATION | AWS EN ISO W.Nr. F-nr | A 5.7: ERCu 24373: Cu 1897 / CuAg1 2.1211 31 | | | | | | | | | | | | | | | | |
| GEEIGNET FÜR | Rebuilding and reconditioning electrical contacts. 2.0040 - OF-Cu, 2.0070 - SE-Cu, 2.0076 - SW-Cu, 2.0090 - SF-Cu | | | | | | | | | | | | | | | | | |
| ZULASSUNGEN | | | | | | | | | | | | | | | | | | |
| SCHWEISSPOSITIONEN | | | | | | | | | | | | | | | | | | |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | <table border="1"> <thead> <tr> <th>Si</th> <th>Mn</th> <th>P</th> <th>Fe</th> <th>Sn</th> <th>Ni+Co</th> <th>Cu+Ag</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td>0.01</td> <td>0.03</td> <td>0.01</td> <td>0.05</td> <td>0.02</td> <td>99.7</td> </tr> </tbody> </table> | Si | Mn | P | Fe | Sn | Ni+Co | Cu+Ag | 0.05 | 0.01 | 0.03 | 0.01 | 0.05 | 0.02 | 99.7 | | | |
| Si | Mn | P | Fe | Sn | Ni+Co | Cu+Ag | | | | | | | | | | | | |
| 0.05 | 0.01 | 0.03 | 0.01 | 0.05 | 0.02 | 99.7 | | | | | | | | | | | | |
| MECHANISCHE GÜTEWERTE | <table border="1"> <thead> <tr> <th rowspan="2">Heat Treatment</th> <th rowspan="2">R_{P0,2} (MPa)</th> <th rowspan="2">R_m (MPa)</th> <th rowspan="2">A₅ (%)</th> <th colspan="2">Impact Energy (J) ISO-V</th> <th rowspan="2">Hardness</th> </tr> <tr> <th colspan="2">RT</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>200</td> <td></td> <td>30</td> <td colspan="2">75</td> <td>HRc</td> </tr> </tbody> </table> | Heat Treatment | R _{P0,2} (MPa) | R _m (MPa) | A ₅ (%) | Impact Energy (J) ISO-V | | Hardness | RT | | As Welded | 200 | | 30 | 75 | | HRc | |
| Heat Treatment | R _{P0,2} (MPa) | | | | | R _m (MPa) | A ₅ (%) | | Impact Energy (J) ISO-V | | Hardness | | | | | | | |
| | | RT | | | | | | | | | | | | | | | | |
| As Welded | 200 | | 30 | 75 | | HRc | | | | | | | | | | | | |
| RÜCKTROCKNUNG | Not required | | | | | | | | | | | | | | | | | |
| GAS ACC. EN ISO 14175 | I1 | | | | | | | | | | | | | | | | | |



CEWELD CuAg

CUAG 1,0MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| D-300 | 15 | 8720663408372 |

CUAG 1,2MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 15 | 8720663408389 |

CUAG 1,6MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| D-300 | 15 | 8720663408396 |