



# CEWELD CuAg

|                       |   |     |             |        |                        |       |        |      |    |
|-----------------------|---|-----|-------------|--------|------------------------|-------|--------|------|----|
| <b>TYPE</b>           | Copper GMAW filler metal alloyed with silver  |     |             |        |                        |       |        |      |    |
| <b>APPLICATIONS</b>   | Electrical contacts, cables, joining copper alloys, rebuilding copper components, installations made from copper tubes etc.   |     |             |        |                        |       |        |      |    |
| <b>PROPERTIES</b>     | 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. |     |             |        |                        |       |        |      |    |
| <b>CLASSIFICATION</b> | <table border="0"> <tr> <td>AWS</td> <td>A 5.7: ERCu</td> </tr> <tr> <td>EN ISO</td> <td>24373: Cu 1897 / CuAg1</td> </tr> <tr> <td>W.Nr.</td> <td>2.1211</td> </tr> <tr> <td>F-nr</td> <td>31</td> </tr> </table>  | AWS | A 5.7: ERCu | EN ISO | 24373: Cu 1897 / CuAg1 | W.Nr. | 2.1211 | F-nr | 31 |
| AWS                   | A 5.7: ERCu   |     |             |        |                        |       |        |      |    |
| EN ISO                | 24373: Cu 1897 / CuAg1  |     |             |        |                        |       |        |      |    |
| W.Nr.                 | 2.1211  |     |             |        |                        |       |        |      |    |
| F-nr                  | 31  |     |             |        |                        |       |        |      |    |
| <b>SUITABLE FOR</b>   | Rebuilding and reconditioning electrical contacts.<br>2.0040 - OF-Cu,<br>2.0070 - SE-Cu,<br>2.0076 - SW-Cu,<br>2.0090 - SF-Cu   |     |             |        |                        |       |        |      |    |

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

| Si   | Mn   | P    | Fe   | Sn   | Ni+Co | Cu+Ag |
|------|------|------|------|------|-------|-------|
| 0.05 | 0.01 | 0.03 | 0.01 | 0.05 | 0.02  | 99.7  |

**MECHANICAL PROPERTIES**

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Impact Energy (J) ISO-V |  | Hardness |
|----------------|-------------------------|----------------------|--------------------|-------------------------|--|----------|
|                |                         |                      |                    | RT                      |  |          |
| As Welded      | 200                     |                      | 30                 | 75                      |  | HRc      |

**REDRYING** Not required

**GAS ACC. EN ISO 14175** 11



# 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 |