



# CEWELD CuAg Tig

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |                      |                    |                         |       |          |       |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|--------------------|-------------------------|-------|----------|-------|
| TYPE                                              | Copper based Tig filler metal alloyed with silver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |                      |                    |                         |       |          |       |
| APPLICATIONS                                      | Electrical contacts, cables, joining copper alloys, rebuilding copper components, installations made from copper tubes etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                         |                      |                    |                         |       |          |       |
| PROPERTIES                                        | Copper alloy, silver-alloyed-with a slightly higher percentage of phosphor, suitable for TIG 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                                                                                                                                                                                                                                                                       |                         |                      |                    |                         |       |          |       |
| CLASSIFICATION                                    | AWS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 5.7: ERCu             |                      |                    |                         |       |          |       |
|                                                   | EN ISO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 24373: Cu 1897 / CuAg1  |                      |                    |                         |       |          |       |
|                                                   | W.Nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2.1211                  |                      |                    |                         |       |          |       |
|                                                   | F-nr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 31                      |                      |                    |                         |       |          |       |
| SUITABLE FOR                                      | 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                      | Al    | Ni+Co    | Cu+Ag |
|                                                   | 0.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.01                    | 0.03                 | 0.03               | 0.01                    | 0.005 | 0.02     | 99.8  |
| 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                             | I1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                      |                    |                         |       |          |       |



# CEWELD CuAg Tig

CUAG TIG 1,6 X 1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663408402 |

CUAG TIG 2,0 X 1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663408419 |

CUAG TIG 2,4 X 1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663408464 |

CUAG TIG 3,0 X 1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663408471 |

CUAG TIG 4,0 X 1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663408488 |