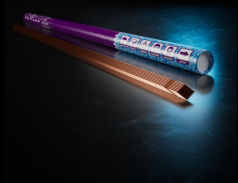




# CEWELD CuAg (LP) Tig

|                                                   |                                                                                                                                                                                                                                                                                                                                     |                         |                      |        |                         |          |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|--------|-------------------------|----------|
| 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 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 |                         |                      |        |                         |          |
| 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 (%) | Cu                                                                                                                                                                                                                                                                                                                                  |                         | Cu+Ag                |        | Ag                      |          |
|                                                   | 99.1                                                                                                                                                                                                                                                                                                                                |                         | 99.9                 |        | 0.8                     |          |
| MECHANICAL PROPERTIES                             | Heat Treatment                                                                                                                                                                                                                                                                                                                      | R <sub>p0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Impact Energy (J) ISO-V | Hardness |
|                                                   |                                                                                                                                                                                                                                                                                                                                     |                         |                      |        | RT                      |          |
|                                                   | As Welded                                                                                                                                                                                                                                                                                                                           | 200                     |                      | 30     | 75                      | HRc      |
| REDRYING                                          | Not required                                                                                                                                                                                                                                                                                                                        |                         |                      |        |                         |          |
| GAS ACC. EN ISO 14175                             | I1                                                                                                                                                                                                                                                                                                                                  |                         |                      |        |                         |          |



# CEWELD CuAg (LP) Tig

|                            |           |         |               |
|----------------------------|-----------|---------|---------------|
| CUAG (LP) TIG 2,4 X 1000MM | Packaging | KG/unit | EanCode       |
|                            | Tube      | 5       | 8720663408426 |