



# CEWELD CuAg

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       |                         |                 |                                     |               |                 |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------|-----------------|-------------------------------------|---------------|-----------------|
| TYPE                                              | Copper GMAW filler metal alloyed with silver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                 |                                     |               |                 |
| TOEPASSINGEN                                      | Electrical contacts, cables, joining copper alloys, rebuilding copper components, installations made from copper tubes etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                       |                         |                 |                                     |               |                 |
| EIGENSCHAPPEN                                     | 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.                                                                                                                                                                                                                                                                      |                                                       |                         |                 |                                     |               |                 |
| CLASSIFICATIE                                     | AWS<br>EN ISO<br>W.Nr.<br>F-nr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A 5.7: ERCu<br>24373: Cu 1897 / CuAg1<br>2.1211<br>31 |                         |                 |                                     |               |                 |
| GESCHIKT VOOR                                     | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                       |                         |                 |                                     |               |                 |
| GOEDKEURINGEN                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       |                         |                 |                                     |               |                 |
| LASPOSITIES                                       |        |                                                       |                         |                 |                                     |               |                 |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | Si<br>0.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Mn<br>0.01                                            | P<br>0.03               | Fe<br>0.01      | Sn<br>0.05                          | Ni+Co<br>0.02 | Cu+Ag<br>99.7   |
| MECHANISCHE WAARDEN                               | Heat Treatment<br>As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R <sub>P0,2</sub><br>(MPa)<br>200                     | R <sub>m</sub><br>(MPa) | A5<br>(%)<br>30 | Impact Energy (J) ISO-V<br>RT<br>75 |               | Hardness<br>HRc |
| HERDROGEN                                         | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                 |                                     |               |                 |
| GAS ACC. EN ISO 14175                             | I1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                       |                         |                 |                                     |               |                 |



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|            |           |         |               |
|------------|-----------|---------|---------------|
| 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 |