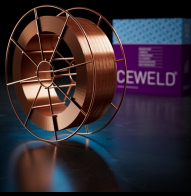




# CEWELD Cu 58

| TYPE  | Pure copper wire for welding applications  |                       |                          |                               |                       |                               |             |     |     |    |    |
|---|--|-----------------------|--------------------------|-------------------------------|-----------------------|-------------------------------|-------------|-----|-----|----|----|
| APPLICATIONS                                      | continuous resistance welding of steel plates, metal cans etc.   |                       |                          |                               |                       |                               |             |     |     |    |    |
| PROPERTIES  | • High quality 99.9% pure copper wire • Excelent electrical conductivity • Excellent corrosion resistance  |                       |                          |                               |                       |                               |             |     |     |    |    |
| CLASSIFICATION                                    |  |                       |                          |                               |                       |                               |             |     |     |    |    |
| SUITABLE FOR                                      | Sudronic welding of steel cans and sheet metal in general metal fabrication. Usually the wire is in the F21 condition.   |                       |                          |                               |                       |                               |             |     |     |    |    |
| APPROVALS   | No Approvals Found   |                       |                          |                               |                       |                               |             |     |     |    |    |
| WELDING POSITIONS                                 |  |                       |                          |                               |                       |                               |             |     |     |    |    |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 33%;">Cu</td> <td style="width: 33%;">Pb</td> <td style="width: 33%;">O</td> </tr> <tr> <td>99.9</td> <td>0.005</td> <td>0.04</td> </tr> </table>  | Cu                    | Pb                       | O                             | 99.9                  | 0.005                         | 0.04        |     |     |    |    |
| Cu  | Pb   | O                     |                          |                               |                       |                               |             |     |     |    |    |
| 99.9  | 0.005  | 0.04                  |                          |                               |                       |                               |             |     |     |    |    |
| ALL WELD MECHANICAL PROPERTIES                    | <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;">Heat Treatment</th> <th style="width: 10%;">R<sub>p0,2</sub><br/>MPa</th> <th style="width: 10%;">R<sub>m</sub><br/>MPa</th> <th style="width: 10%;">A<sub>5</sub><br/>(%)</th> <th style="width: 55%;">Impact Energy (J) ISO-V<br/>RT</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td>200</td> <td>300</td> <td>40</td> <td>60</td> </tr> </tbody> </table> | Heat Treatment        | R <sub>p0,2</sub><br>MPa | R <sub>m</sub><br>MPa         | A <sub>5</sub><br>(%) | Impact Energy (J) ISO-V<br>RT | As Welded / | 200 | 300 | 40 | 60 |
| Heat Treatment                                    | R <sub>p0,2</sub><br>MPa   | R <sub>m</sub><br>MPa | A <sub>5</sub><br>(%)    | Impact Energy (J) ISO-V<br>RT |                       |                               |             |     |     |    |    |
| As Welded /                                       | 200  | 300                   | 40                       | 60                            |                       |                               |             |     |     |    |    |
| REDRYING TEMPERATURE                              | Not required   |                       |                          |                               |                       |                               |             |     |     |    |    |
| GAS ACCORDING EN 14175                            | I1, I3   |                       |                          |                               |                       |                               |             |     |     |    |    |



# CEWELD Cu 58

CU 58 1,0MM

| Type   | KG/unit | EANCode       |
|--------|---------|---------------|
| BS-300 | 15      | 8720663408174 |

CU 58 2,0MM

| Type | KG/unit | EANCode       |
|------|---------|---------------|
| Drum | 250     | 8720663408167 |