



# CEWELD L-CuP7

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |                                |           |                 |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------|-----------|-----------------|
| TYPE                                              | Copper Phosphorus Brazing Alloy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                        |                                |           |                 |
| APPLICATIONS                                      | Joining: Copper to copper, Copper alloys, Brass, Copper-Sn alloys with flux. Do not use this alloy above working temperatures of 200 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |                                |           |                 |
| PROPERTIES                                        | Universal brazing alloy containing phosphor for use without additional flux on copper to copper joints. Good flowing characteristics very easy to use with high mechanical properties.                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |                                |           |                 |
| CLASSIFICATION                                    | AWS<br>EN ISO<br>F-nr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A 5.8: BCuP-2<br>17672: CuP 181<br>103 |                                |           |                 |
| SUITABLE FOR                                      | Copper to Copper (without flux), Copper alloys, Brass, Copper-Sn alloys with flux.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                        |                                |           |                 |
| APPROVALS                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |                                |           |                 |
| WELDING POSITIONS                                 | <div>PAPBPCPDPEPFPG</div> |                                        |                                |           |                 |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | Cu<br>Rem.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                        | P<br>7.2                       |           |                 |
| MECHANICAL PROPERTIES                             | Heat Treatment<br>As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | R <sub>P0,2</sub><br>(MPa)             | R <sub>m</sub><br>(MPa)<br>250 | A5<br>(%) | Hardness<br>HRc |
| REDRYING                                          | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |                                |           |                 |
| MELTING RANGE                                     | 710 - 793°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                        |                                |           |                 |
| GAS ACC. EN ISO 14175                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |                                |           |                 |



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L-CUP7 1,5MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| D-300     | 10      | 8720663421241 |