



# CEWELD L-Ag55Sn

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |                                |                              |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------|------------------------------|
| TYPE                                           | High Silver containing Cadmium free brazing Alloy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |                                |                              |
| ANWENDUNGEN                                    | Joining: Steels, Cast iron, Copper, Copper alloys, Stainless steel, Nickel and Nickel alloys. Also suitable for dissimilar joints between these metals. Do not use this alloy above working temperatures of 200 °C                                                                                                                                                                                                                                                                                                                                                                            |                               |                                |                              |
| EIGENSCHAFTEN                                  | High silver containing universal silver brazing alloy without Cadmium with low operating temperature and high mechanical properties. Due to the addition of Sn. this alloy will show a bright looking joint and is more capillary then the standard silver brazing alloys.<br>Flux/Paste: CEWELD Super-Flux                                                                                                                                                                                                                                                                                   |                               |                                |                              |
| KLASSIFIKATION                                 | AWS<br>EN ISO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 5.8: BAg-7<br>17672: Ag 156 |                                |                              |
| GEEIGNET FÜR                                   | Brazing: Steels, Cast iron, Copper, Copper alloys, Stainless steel, Nickel and Nickel alloys. Also suitable for dissimilar joints between these metals.                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |                                |                              |
| ZULASSUNGEN                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |                                |                              |
| SCHWEISSPOSITIONEN                             |        |                               |                                |                              |
| TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%) | Cu<br>22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Zn<br>18                      | Sn<br>5                        | Ag<br>56                     |
| MECHANISCHE GÜTEWERTE                          | Heat Treatment<br>As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | R <sub>p0,2</sub><br>(MPa)    | R <sub>m</sub><br>(MPa)<br>400 | A5<br>(%)<br>Hardness<br>HRc |
| RÜCKTROCKNUNG                                  | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                               |                                |                              |
| MELTING RANGE                                  | 620 - 655°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               |                                |                              |
| GAS ACC. EN ISO 14175                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |                                |                              |



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L-AG55SN 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| D-300     | 10      | 8720663422279 |