

## LEGA RAME - STAGNO [BRONZO]

UNI EN 1982 CC491K [CuSn5Zn5Pb5-C]

| Composition in %<br>[mass fraction] |      |      | Tensile strength | 0,2 % proof<br>strength | Elongation  | Brinell hardness |
|-------------------------------------|------|------|------------------|-------------------------|-------------|------------------|
| Element                             | min. | MAX. | Rm<br>MPa min.   | Rp0,2<br>MPa min.       | A<br>% min. | HBW min.         |
| Cu (a)                              | 83,0 | 87,0 | 200              | 90                      | 13          | 60               |
| Ni                                  | –    | 2,0  |                  |                         |             |                  |
| P                                   | –    | 0,10 |                  |                         |             |                  |
| Pb                                  | 4,0  | 6,0  |                  |                         |             |                  |
| Sn                                  | 4,0  | 6,0  |                  |                         |             |                  |
| Zn                                  | 4,0  | 6,0  |                  |                         |             |                  |
| Al                                  | –    | 0,01 |                  |                         |             |                  |
| Fe                                  | –    | 0,3  |                  |                         |             |                  |
| S                                   | –    | 0,10 |                  |                         |             |                  |
| Sb                                  | –    | 0,25 |                  |                         |             |                  |
| Si                                  | –    | 0,01 |                  |                         |             |                  |

(a) Including nickel

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