## **TECHNICAL DATA SHEET**

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## CUP 800 Copper - Phosphorus

| Mechanical & Physical Properties |        |         |  |  |  |  |  |
|----------------------------------|--------|---------|--|--|--|--|--|
| Melting Range                    | C°     | 710-750 |  |  |  |  |  |
| Recommended Working Temperature  | C°     | 720     |  |  |  |  |  |
| Tensile Strength                 | Мра    |         |  |  |  |  |  |
| Electrical Conductivity          | % IACS | -       |  |  |  |  |  |
| Density                          | gr/cm³ | -       |  |  |  |  |  |
| Elongation                       | %      |         |  |  |  |  |  |

| Specifications |                 |  |  |  |  |  |
|----------------|-----------------|--|--|--|--|--|
| EN ISO 17672   | CuP 182         |  |  |  |  |  |
| DIN 8513       | L-CuP8          |  |  |  |  |  |
| AWS A5.8       | -               |  |  |  |  |  |
| DIN EN 1044    | CP 201          |  |  |  |  |  |
| EN ISO 3677    | B-Cu92P-710/750 |  |  |  |  |  |
|                |                 |  |  |  |  |  |

Main elements % (min-max)

P: 7,6-8,0 / Cu: Bal.

Other %

Impurity: 0,25 max

**RoHS Limit ppm**Cd (100ppm); Pb / Hg / Cr (1000ppm)

| Availability |             |             |      |          |        |       |                  |
|--------------|-------------|-------------|------|----------|--------|-------|------------------|
| Bare rods    | Coated Rods | Wire / Coil | Foil | Preforms | Powder | Paste | Flexible<br>Wire |
| •            | 0           | •           | 0    | 0        | 0      | 0     | •                |

Liability - Disclaimer: This document is intended to assist the user in choosing the product. We provide these results in all conscience; this not however exempting the consumer from the obligation to check our products and process on his own responsibility, including suitability, compliance with applicable law and non-infringement of the rights of others. The company ASA KAYNAK cannot be held liable in respect thereof.

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