

TDS 108 Rev n°1 23/08/2016 Date of Edition: 11/2/2025

## PAG 1800 Copper - Phosphorus With Silver

| Mechanical & Physical Properties   |        |         |  |  |  |  |  |
|------------------------------------|--------|---------|--|--|--|--|--|
| Melting Range                      | C°     | 645/676 |  |  |  |  |  |
| Recommended<br>Working Temperature | C°     | 670     |  |  |  |  |  |
| Tensile Strength                   | Мра    | -       |  |  |  |  |  |
| Electrical Conductivity            | % IACS | -       |  |  |  |  |  |
| Density                            | gr/cm³ | -       |  |  |  |  |  |
| Elongation                         | %      | -       |  |  |  |  |  |

| Specifications |                  |
|----------------|------------------|
| EN ISO 17672   | CuP 285          |
| DIN 8513       | -                |
| AWS A5.8       | BCuP-8           |
| DIN EN 1044    | -                |
| EN ISO 3677    | B-Cu76AgP643/666 |
|                |                  |

Main elements %(min-max)

Ag: 17,2-18 / P: 6-6,7 / Cu: Bal.

Other %

Impurity: 0,25 max

Elongation %

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     | •                |

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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