## **TECHNICAL DATA SHEET**

TDS 115 Rev n°1 20/07/2017 Date of Edition: 12/17/2025

## PAG 203 Copper - Phosphorus With Silver

| Mechanical & Physical Properties   |        |         |  |  |  |  |  |  |
|------------------------------------|--------|---------|--|--|--|--|--|--|
| Melting Range                      | C°     | 645/780 |  |  |  |  |  |  |
| Recommended<br>Working Temperature | C°     | 740     |  |  |  |  |  |  |
| Tensile Strength                   | Мра    | -       |  |  |  |  |  |  |
| Electrical Conductivity            | % IACS | -       |  |  |  |  |  |  |
| Density                            | gr/cm³ | -       |  |  |  |  |  |  |
| Elongation                         | %      | -       |  |  |  |  |  |  |

| Specifications |         |
|----------------|---------|
| EN ISO 17672   | CuP 280 |
| DIN 8513       | -       |
| AWS A5.8       | BCuP-6  |
| DIN EN 1044    | -       |
| EN ISO 3677    | -       |
|                |         |

Main elements %(min-max)

Ag: 1,8-2,2 / P: 6,8-7,2 / 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        | 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.

ASA KAYNAK ve METAL ALAŞIMLARI SAN. ve TİC. A.Ş.

Veliköy OSB Sanayi Mahallesi 22. Cad. 4/A Veliköy / Çerkezköy / Tekirdağ / Turkey 59500 Phone: +90 282 746 1004