

# PAG 611 SF

## Spark Free Copper - Phosphorus

### Mechanical & Physical Properties

|                                 |                    |         |
|---------------------------------|--------------------|---------|
| Melting Range                   | C°                 | 643/720 |
| Recommended Working Temperature | C°                 | 690     |
| Tensile Strength                | Mpa                | -       |
| Electrical Conductivity         | % IACS             | -       |
| Density                         | gr/cm <sup>3</sup> | 8,2     |
| Elongation                      | %                  |         |

### Main elements % (min-max)

Ag: 5,8-6,2 / P: 7-7,5 / Ni: 0,05-0,015 Cu: Bal.

### RoHS Limit ppm

Cd (100ppm) ; Pb / Hg / Cr (1000ppm)

### Specifications

|              |  |          |
|--------------|--|----------|
| EN ISO 17672 |  | CuP 283a |
| DIN 8513     |  | -        |
| AWS A5.8     |  | -        |
| DIN EN 1044  |  | CP 103   |
| EN ISO 3677  |  | -        |

### Other %

Impurity: 0,25 max

### Availability

|           |             |             |      |          |        |       |               |
|-----------|-------------|-------------|------|----------|--------|-------|---------------|
| Bare rods | Coated Rods | Wire / Coil | Foil | Preforms | Powder | Paste | Flexible Wire |
| ●         | ○           | ○           | ○    | ○        | ○      | ○     | ○             |

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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