

# SAR 201

## Brass Brazing Alloys

### Mechanical & Physical Properties

|                                 |                    |         |
|---------------------------------|--------------------|---------|
| Melting Range                   | C°                 | 870/900 |
| Recommended Working Temperature | C°                 | 900     |
| Tensile Strength                | Mpa                | 450     |
| Electrical Conductivity         | % IACS             | 24      |
| Density                         | gr/cm <sup>3</sup> | -       |
| Elongation                      | %                  | 35      |

### Specifications

|              |  |                        |
|--------------|--|------------------------|
| EN ISO 17672 |  | -                      |
| DIN 8513     |  | -                      |
| AWS A5.8     |  | -                      |
| DIN EN 1044  |  | -                      |
| EN ISO 3677  |  | B-Cu59ZnAg(Mh)-850/879 |

### Main elements % (min-max)

Cu : 59-62 / Ag : 0,5-1,5 / Sn : 0,1-0,4 / Zn: bal.

### Other %

Mh : 0,05-0,25 / Fe : 0,25 max / Impurity : 0,2 max

### Elongation %

35

### RoHS Limit ppm

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

### Availability

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

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