

SAR 104

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 ³ | - |
| Elongation | % | 35 |

Specifications

| | | |
|--------------|--|------------------------------|
| EN ISO 17672 | | Cu 471 |
| DIN 8513 | | - |
| AWS A5.8 | | RBCuZn-C |
| DIN EN 1044 | | CU 304 |
| EN ISO 3677 | | B-Cu60Zn(Sn)(Si)(Mn)-870/900 |

Main elements % (min-max)

Cu : 56-60 / Sn : 0,2-0,5 / Si : 0,15-0,2 / Zn: bal.

Other %

Mn : 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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