

SAR 105

Brass Brazing Alloys

Mechanical & Physical Properties

| | | |
|---------------------------------|--------------------|---------|
| Melting Range | C° | 890/920 |
| Recommended Working Temperature | C° | 920 |
| Tensile Strength | Mpa | - |
| Electrical Conductivity | % IACS | - |
| Density | gr/cm ³ | - |
| Elongation | % | - |

Specifications

| | | |
|--------------|--|------------------------|
| EN ISO 17672 | | Cu 773 |
| DIN 8513 | | - |
| AWS A5.8 | | RBCuZn-D |
| DIN EN 1044 | | CU 305 |
| EN ISO 3677 | | B-Cu48ZnNi(Si)-890/920 |

Main elements % (min-max)

Cu : 46-50 / Si : 0,15-0,2 / Zn: bal.

Other %

Ni : 9-11 / Fe : 0,25 max. / Impurity : 0,2 max

Elongation %

-

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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