

TDS n°139 Rev n°1 23/08/2016 Date of Edition: 9/14/2025

## S 380 Silver Brazing Alloys Cadmium Free

| Mechanical & Physical Properties   |        |         |  |  |  |  |  |
|------------------------------------|--------|---------|--|--|--|--|--|
| Melting Range                      | C°     | 650/720 |  |  |  |  |  |
| Recommended<br>Working Temperature | C°     | 720     |  |  |  |  |  |
| Tensile Strength                   | Мра    | 520     |  |  |  |  |  |
| Electrical Conductivity            | % IACS | 18      |  |  |  |  |  |
| Density                            | gr/cm³ | -       |  |  |  |  |  |
| Elongation                         | %      | 18      |  |  |  |  |  |

| Specifications |                      |
|----------------|----------------------|
| EN ISO 17672   | Ag 138               |
| DIN 8513       | L-Ag38Sn             |
| AWS A5.8       | B-Ag34               |
| DIN EN 1044    | -                    |
| EN ISO 3677    | B-Ag38CuZnSn-650/720 |
|                |                      |

Main elements %(min-max)

Ag: 37-39 / Cu: 31-33 / Zn: 26-30 / Sn: 1,5-2,5

Other %

Impurity: 0,15 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     | •                |

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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