

S 450

Silver Brazing Alloys Cadmium Free

Mechanical & Physical Properties

| | | |
|---------------------------------|--------------------|---------|
| Melting Range | C° | 640/680 |
| Recommended Working Temperature | C° | 680 |
| Tensile Strength | Mpa | 500 |
| Electrical Conductivity | % IACS | 18 |
| Density | gr/cm ³ | 9,1 |
| Elongation | % | 14 |

Specifications

| | | |
|--------------|--|----------------------|
| EN ISO 17672 | | Ag 145 |
| DIN 8513 | | L-Ag45Sn |
| AWS A5.8 | | B-Ag36 |
| DIN EN 1044 | | AG 104 |
| EN ISO 3677 | | B-Ag45CuZnSn-640/680 |

Main elements % (min-max)

Ag : 44-46 / Cu : 26-28 / Zn : 23,5-27,5 / Sn : 2-3

Other %

Impurity : 0,15 max

Elongation %

14

RoHS Limit ppm

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

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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