

# T 502

## Silver Brazing Alloys Cadmium Free

### Mechanical & Physical Properties

|                                 |                    |         |
|---------------------------------|--------------------|---------|
| Melting Range                   | C°                 | 660/705 |
| Recommended Working Temperature | C°                 | 705     |
| Tensile Strength                | Mpa                | -       |
| Electrical Conductivity         | % IACS             | 15      |
| Density                         | gr/cm <sup>3</sup> | 8,98    |
| Elongation                      | %                  | -       |

### Specifications

|              |  |                      |
|--------------|--|----------------------|
| EN ISO 17672 |  | Ag 450               |
| DIN 8513     |  | -                    |
| AWS A5.8     |  | B-Ag24               |
| DIN EN 1044  |  | -                    |
| EN ISO 3677  |  | B-Ag50CuZnNi-660/705 |

### Main elements % (min-max)

Ag : 49-51 / Cu : 19-21 / Zn : 26-30 / Ni : 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 Wire |
|-----------|-------------|-------------|------|----------|--------|-------|---------------|
| ●         | ●           | ●           | ○    | ○        | ○      | ○     | ●             |

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ASA KAYNAK ve METAL ALAŞIMLARI SAN. ve TİC. A.Ş.

Veliköy OSB Sanayi Mahallesi 22. Cad. 4/A  
Veliköy / Çerkezköy / Tekirdağ / Turkey 59500  
Phone: +90 282 746 1004

[www.asakaynak.com](http://www.asakaynak.com)

[info@asakaynak.com](mailto:info@asakaynak.com)