

Product Information

FELDER special soft solder Sn95Cu5

Leadfree special soft solder alloy in rods and bars
Sn95Cu5 - no standard alloy

Art.-No.: 13960120

All information about our products are the result of our long standing experience which we would like to pass on to our customers as application support. However, as we do not have any influence on the application of the works carried out with our products, please see the warranty claims in our conditions of sale because our liability is limited.

This product information does not constitute warranted properties.

Description

Leadfree tin-copper-soft solder alloy usable for high temperature soldering processes in the field of transformer production and copper coil manufacturing.

Properties

| | |
|-------------------------|-------------------------------|
| Alloy | Sn95Cu5 |
| Melting range | approx. 230 – 370 °C |
| Temperaturtoleranz | ± 5 K |
| Density | approx. 7,3 g/cm ³ |
| Brinell hardness number | around 15 |
| Electric conductance | 7,6 · 10 ⁶ S/m |

Impurities/Tolerances according EN ISO 9453:2014

(in alphabetic order)

| | | | | | | | | | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <u>Ag</u> | <u>Al</u> | <u>As</u> | <u>Au</u> | <u>Bi</u> | <u>Cd</u> | <u>Cu</u> | <u>Fe</u> | <u>In</u> | <u>Ni</u> | <u>Pb</u> | <u>Sb</u> | <u>Sn</u> | <u>Zn</u> |
| 0,1 | 0,001 | 0,03 | 0,05 | 0,1 | 0,002 | 5±0,2 | 0,02 | 0,1 | 0,01 | 0,05 | 0,1 | Rest | 0,001 |

Delivery forms

Approx. 250 g triangular rods, 400 mm long,

Advises

FELDER-ISO-Tin® lead-free solder bars and wires do not contain any substances that are subject to restriction by directive 2011/65/EU ("RoHS II").

Other alloys are included in our standard delivery program.

Storage

Stored dry and dust-free, the material (massive alloy) is durable for an unlimited perio