



Product Information

FELDER-Special Soft Solder 95° C

Bi-Pb-Sn special alloy
(not standardised)

Item no. 1318....

All information about our products is 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.

Application

FELDER Special Soft solder 95° C is mainly applied as fuse for automatic extinguishing equipment, warning devices and other security devices.

FELDER Special Soft Solder 95° C has excellent flowing properties on copper, brass and steel, using the appropriate fluxes. The application requires fluxes with a minimum working temperature at 80° C.

Properties

This special soft solder is an eutectic 3-element-alloy made of bismuth, lead and tin.
Due to the very low melting point it begins to creep even at room temperature, therefore it may only be stressed a little.

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|-------------------------|---------------------------------------|
| Alloy components: | 52.5 % bismuth, 32 % lead, 15.5 % tin |
| Melting temperature: | 95° C (eutectic) |
| Density: | 9.7 g/cm ³ |
| Tensile strength: | 43 M Pa |
| Hardness (HB): | 9 |
| Electrical conductance: | 1.5 S* mm ² |

Delivery Form

Triangular rods and wire (massive).
Other standard dimensions and blocks are deliverable on request.

Advice

Other alloys are included in our standard delivery programme.
Please ask for more information.