

Product Information

FELDER-ISO-Tin® - SN100-⁴⁰³CL

according to NIHON SUPERIOR – DE-Patent-No. 69918758 and European-Patent-No. 0985486,
Sn99,25Cu0,7Ni0,05 according to ISO 9453

Lead-Free FELDER-ISO-Tin® electronic solders do not contain any substances which are subject to restrictions according to directive 2011/65/EG („RoHS“).

Item-No.: 561292 ...

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.

Application

Lead-free alloy for HASL application, first fill up.

Properties

metallic composition	:	99.25 % Sn, 0.7 % Cu, 0.05 % Ni, endowment: adapted Ge content (0.0055%) lead impurity: max. 0.04 %
melting range/ point	:	227°C (depends on copper content in the solder bath)
electrical conductivity	:	7.5 m/ Ωmm ²
density	:	7.33 g/cm ³
hardness Hv	:	14.1
recommend tinning temp.	:	277 °C

Note:

At this point we recommend our HASL solders HAL Sn100Ni+(150 ppm) resp. SN100-⁴⁰³CLS(100ppm).

Delivery Forms

1.0 kg - rods, 330 x 20 x 20 mm,
4.0 kg - blocks with closed hanging hole

Advices

Other alloys are included in our standard delivery program.