

# Product information

## **FELDER-Soft Solder Alloy, Sn97Ag3**

**Lead free solder bars for dip soldering units and wave soldering units as well usable as tinning and soldering alloy for steel and stainless steel**

**Sn97Ag3, according to DIN EN ISO 9453**

**Item-no.: 12 95 01 20**

**FELDER lead-free soft solder alloys contain no materials, for which exists restrictions in the rules of 2011/65/EU ("RoHS II"), above 0,1 mass-% (0,01 mass-% for cadmium) obtained on the respectively homogeneous material.**

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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 joints in the field of electronics, high-temperature applications, e. g. in the automotive industry (good temperature change resistance at high temperatures). Very well suited for soldering and tinning of steel and stainless steel.

## Properties

Metallic composition	:	97% Sn, 3% Ag
Melting range/point	:	221 - 240 °C
Electrical conductivity	:	7,5 m/ Ωmm <sup>2</sup>
Specific weight	:	7,5 g/cm <sup>3</sup>
Steep strength	at 20°C	: 13,7 N/mm <sup>2</sup>
	at 100°C	: 5,0 N/mm <sup>2</sup>
Shearing strength	at 20°C	: 27 N/mm <sup>2</sup>
	at 100°C	: 17 N/mm <sup>2</sup>

## Delivery form

approx. 250 g triangular rods, 400 mm long, 20 kg packages

Other rods and blocks are deliverable on request.

## Advices

Other alloys are included in our standard delivery program.

Do not hesitate to contact us for further information.