

TECHNICAL SHEET



Ag_{3,5}Sn

Product name

Ag_{3,5}Sn

Class of product

Silver-Tin Soldering Alloy

Corresponding standards

EN29453 S-Sn97Ag3

DIN 1707 ---

Nominal composition (weight %)

Ag: 3,5

Sn: 96,5

Physical characteristics

Melting range (Solids – Liquids): 221 °C

Density: 7,39 g/cm³

Range of application:

Ag_{3,5}Sn is a silver-tin, lead-free, soft-soldering alloy, with excellent flowing properties, being extremely fluid at soldering temperature.

It can be used to join the following base metals: steel, copper, copper alloys and brasses.

Typical soldering processes include flame, induction and soldering iron.

The product should be used in conjunction with a proper flux.

Typical applications of Ag_{3,5}Sn are to be found in the following sectors: plumbing, joining of copper tubes for cold and hot water, sheet-metal works on buildings, etc.

Being lead-free it can be conveniently used in the alimentary and potable water fields, or whenever the presence of lead is objectionable.

Characteristics Make-up:

Solid Wires: Ø 0,5 3,0 mm

Flux cored Wires: Ø 0,8 3,0 mm

Cast ingots

Bars

Sticks

Other dimensions are available upon request

The above data are subject to change without notice by Sping.

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