

TECHNICAL SHEET

Ag83

Product name

Ag83

Class of product

Silver based brazing alloy, cadmium-free

Corresponding standards

ISO 17672 ----
EN 1044 ----
AWS A5.8 ----
DIN 8513 L-Ag83

Nominal composition (weight %)

Ag: 83
Cu: 15
Zn: 2

Physical and technical properties

Melting range (Solidus – Liquidus): 780 - 830 °C
Brazing temperature: ~ 830 °C
Density: 10,2 g/cm³

Range of application

Ag83 is a cadmium free, high silver brazing alloy, with high melting point.

It can be used to join ferrous, non ferrous and dissimilar metals and alloys and it is mainly used in the sector of silverware and jewellery.

Brazing procedures range from manual to induction techniques.

When brazing in an oxidizing environment a proper flux should be used.

Characteristics Make-up

Rods: Ø 0,8 ⇒ 3,0 mm Length: 500 / 1.000 mm
Flux Coated Rods: Ø 1,5 ⇒ 3,0 mm
Wires: Ø 0,8 ⇒ 3,0 mm Spooled and coiled
Rings
Pastes & Powders

Other dimensions are available upon request.

NOTE:

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