

TECHNICAL SHEET



Ag25Cd

Product name

Ag25Cd

Class of product

Silver based brazing alloy, cadmium bearing

Corresponding standards

DIN8513 ---

EN1044 AG 307

AWS A5.8-04 BAg-33

Nominal composition (weight %)

Ag: 25

Cu: 30

Zn: 27,5

Cd: 17,5

Physical characteristics

Melting range (Solids – Liquids): 605 – 710 °C

Brazing temperature: 720 °C

Density: 8,8 g/cm³

Tensile Strength: 40 kg / mm²

Range of application:

Ag25Cd is a general purpose, cadmium-bearing silver brazing alloy, with wide melting range. It can be used to join ferrous, non ferrous and dissimilar metals and alloys, such as steel, copper, copper alloys.

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

It can be used for brazing by flame, induction and in oven.

Due to the content of Cadmium special safety precautions must be followed during brazing operations (e.g.,

avoid of overheating, use of mechanical ventilation, wear of respiratory masks).

Characteristics Make-up:

Rods: Ø 0,5 4,0 mm Length: 500 / 1.000 mm

Flux Coated Rods: Ø 1,5 3,0 mm

Wires: Ø 0,25 3,0 mm (spooled and coiled)

Rings

Performs from Wire

Pastes & Powders

Other dimensions are available upon request

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

SPRING WELDING ALLOYS

Hangzhou City, Zhejiang, China

Phone – 0086-13588821060

info@springwelding.com - www.springwelding.com