



# CEWELD L-Ag45Sn

**TYPE** 45% Silver brazing alloy without Cadmium.

**APPLICATIONS** Brazing a weight range of different metals in maintenance and repair with excellent strength, Boiler making, Tubing, Cooling equipment etc. Do not use this alloy above working temperatures of 200 °C

**PROPERTIES** Most universal silver brazing alloy without Cadmium with extreme low operating temperature and high mechanical properties. Due to the addition of Sn. this alloy will show a bright looking joint and is more capillary then the standard silver brazing Alloys. Flux/Paste: CEWELD Super-Flux

**CLASSIFICATION** AWS A 5.8: BAg-36  
EN ISO 17672: Ag 145

**SUITABLE FOR** Steels, Copper, Copper alloys, Stainless steel, Cast Iron, Nickel and Nickel alloys. Also suitable for dissimilar joints between these metals.

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

Cu	Zn	Sn	Ag
27	25	2.8	45

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded		400		HRc

**REDRYING** Not required

**MELTING RANGE** 640 - 680°C

**GAS ACC. EN ISO 14175**