



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 _{p0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
As Welded		400		HRc

REDRYING Not required

MELTING RANGE 640 - 680°C

GAS ACC. EN ISO 14175