


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	No Approvals Found								
WELDING POSITIONS									
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"><thead><tr><th>Cu</th><th>Zn</th><th>Sn</th><th>Ag</th></tr></thead><tbody><tr><td>27</td><td>25</td><td>2.8</td><td>45</td></tr></tbody></table>	Cu	Zn	Sn	Ag	27	25	2.8	45
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ALL WELD MECHANICAL PROPERTIES	<table border="1"><thead><tr><th>Heat Treatment</th><th>R_{p0,2} MPa</th><th>R_m MPa</th><th>A5 (%)</th></tr></thead><tbody><tr><td>As Welded /</td><td></td><td>400</td><td></td></tr></tbody></table>	Heat Treatment	R _{p0,2} MPa	R _m MPa	A5 (%)	As Welded /		400	
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REDRYING TEMPERATURE	Not required								
GAS ACCORDING EN 14175									