



# CEWELD L-CuP7 Sn7

TYPE	Copper Phosphorus Brazing Alloy.								
APPLICATIONS	Joining: Copper to copper, Copper alloys, Brass, Copper-Sn alloys with flux. Do not use this alloy above working temperatures of 200 °C								
PROPERTIES	Universal brazing alloy containing phosphor for use without additional flux on copper to copper joints. Good flowing characteristics. Very easy to use with high mechanical properties.								
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.8: BCuP-9</td> </tr> <tr> <td>EN ISO</td> <td>17672: CuP 385</td> </tr> <tr> <td>F-nr</td> <td>103</td> </tr> </table>	AWS	A 5.8: BCuP-9	EN ISO	17672: CuP 385	F-nr	103		
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EN ISO	17672: CuP 385								
F-nr	103								
SUITABLE FOR	Copper to Copper (without flux), Copper alloys, Brass, Copper-Sn alloys with flux.								
APPROVALS	No Approvals Found								
WELDING POSITIONS									
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">Si</td> <td style="width: 25%;">Cu</td> <td style="width: 25%;">Sn</td> <td style="width: 25%;">P</td> </tr> <tr> <td>0.1</td> <td>Rem.</td> <td>6.5</td> <td>6.5</td> </tr> </table>	Si	Cu	Sn	P	0.1	Rem.	6.5	6.5
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ALL WELD MECHANICAL PROPERTIES	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 30%;">Heat Treatment</th> <th style="width: 10%;">R<sub>p0,2</sub> MPa</th> <th style="width: 10%;">R<sub>m</sub> MPa</th> <th style="width: 10%;">A<sub>5</sub> (%)</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td></td> <td>250</td> <td></td> </tr> </tbody> </table>	Heat Treatment	R <sub>p0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	As Welded /		250	
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As Welded /		250							
REDRYING TEMPERATURE	Not required								
GAS ACCORDING EN 14175									