
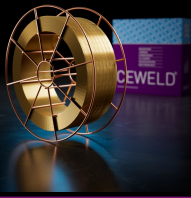


# CEWELD CuAl8

TYPE	Copper aluminium alloy for Mig welding and brazing																
ANWENDUNGEN	Rebuilding brass ship propellers and cladding surfaces against wear and corrosion attack. Welding galvanized plates or stainless steel sheets and suitable for cladding cast iron and un- and low alloyed steels.																
EIGENSCHAFTEN	High quality alloyed copper wire for the Mig process (Mig brazing as well). The weld metal is a Copper-Aluminum bronze. Sound, pore free deposits on ferrous and non-ferrous base materials. Excellent corrosion resistance.																
KLASSIFIKATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.7: ERcUAl-A1</td> </tr> <tr> <td>EN ISO</td> <td>24373: Cu 6100 / CuAl7</td> </tr> <tr> <td>W.Nr.</td> <td>2.0921</td> </tr> <tr> <td>F-nr</td> <td>36</td> </tr> </table>	AWS	A 5.7: ERcUAl-A1	EN ISO	24373: Cu 6100 / CuAl7	W.Nr.	2.0921	F-nr	36								
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GEEIGNET FÜR	Brass, copper, steel, CuZn alloys, Ship propeller, AISI 304, sliding Surface, shafts, bearings etc.																
ZULASSUNGEN																	
SCHWEISSPOSITIONEN																	
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 16.6%;">Si</td> <td style="width: 16.6%;">Mn</td> <td style="width: 16.6%;">Cu</td> <td style="width: 16.6%;">Zn</td> <td style="width: 16.6%;">Pb</td> <td style="width: 16.6%;">Al</td> </tr> <tr> <td>0.08</td> <td>0.3</td> <td>Rem.</td> <td>0.1</td> <td>0.01</td> <td>7</td> </tr> </table>	Si	Mn	Cu	Zn	Pb	Al	0.08	0.3	Rem.	0.1	0.01	7				
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MECHANISCHE GÜTEWERTE	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th rowspan="2">Heat Treatment</th> <th rowspan="2">R<sub>p0,2</sub> (MPa)</th> <th rowspan="2">R<sub>m</sub> (MPa)</th> <th rowspan="2">A<sub>5</sub> (%)</th> <th colspan="2">Impact Energy (J) ISO-V</th> <th rowspan="2">Hardness</th> </tr> <tr> <th colspan="2">RT</th> </tr> <tr> <td>As Welded</td> <td></td> <td>430</td> <td>40</td> <td colspan="2">100</td> <td>100 HB</td> </tr> </table>	Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness	RT		As Welded		430	40	100		100 HB
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As Welded		430	40	100		100 HB											
RÜCKTROCKNUNG	Not required																
GAS ACC. EN ISO 14175	11, 13																



# CEWELD CuAl8

## CUAL8 0,8MM

Packaging	KG/unit	EanCode
D-200	5	8720663408723
D-300	15	8720663408716

## CUAL8 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663408730
D-200	5	8720663408754
D-300	15	8720663408747
Drum	250	8720663408761

## CUAL8 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663408778
BS-300	15	8720663408785
D-200	5	8720663408808
Drum	250	8720663408792

## CUAL8 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663408815
D-300	15	8720663408822
Drum	250	8720663408839