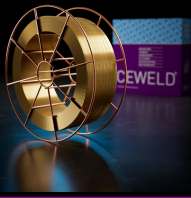




CEWELD CuAl8Ni2

TYPE	Copper aluminium based welding wire for marine applications and Mig brazing																
APPLICATIONS	Joint welds or building up of aluminum bronze. Cladding components undergoing metal to metal wear under high pressure. Especially suited for marine environments. The addition of nickel improves corrosion resistance in heat and rough seawater.																
PROPERTIES	CEWELD® CuAl8Ni2 is a special alloyed copper wire for the MIG process. The weld metal is a Cu-Al-Ni bronze. Sound, pore free deposits on ferrous and non-ferrous base materials. Excellent resistance to cavitations and stress corrosion cracking.																
CLASSIFICATION	EN ISO 24373: Cu 6327 / CuAl8Ni2Fe2Mn2 F-nr 36 W.Nr. 2.0922																
SUITABLE FOR	This filler metal with increased strenght and corrosion properties is verry wel suited for Ship propellers, shipbuilding, pump building, shafts, guide grooves etc. W.Nrs: 2.0916,2.0920, 2.0928, 2.0932, 2.0936, 2.0940, 2.0960, 2.0962, 2.0966, 2.0970, 2.0978, 2.0980.																
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>Si</td> <td>Mn</td> <td>Fe</td> <td>Cu</td> <td>Zn</td> <td>Pb</td> <td>Al</td> <td>Ni+Co</td> </tr> <tr> <td>0.1</td> <td>2</td> <td>2</td> <td>Rem.</td> <td>0.1</td> <td>0.01</td> <td>8.5</td> <td>2</td> </tr> </table>	Si	Mn	Fe	Cu	Zn	Pb	Al	Ni+Co	0.1	2	2	Rem.	0.1	0.01	8.5	2
Si	Mn	Fe	Cu	Zn	Pb	Al	Ni+Co										
0.1	2	2	Rem.	0.1	0.01	8.5	2										
ALL WELD MECHANICAL PROPERTIES	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>Heat Treatment</td> <td>R_{P0,2} MPa</td> <td>R_m MPa</td> <td>A₅ (%)</td> <td>Hardness Brinell Hardness</td> </tr> <tr> <td>As Welded /</td> <td></td> <td>530</td> <td></td> <td>Avg. 140</td> </tr> </table>	Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Hardness Brinell Hardness	As Welded /		530		Avg. 140						
Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Hardness Brinell Hardness													
As Welded /		530		Avg. 140													
REDRYING TEMPERATURE	Not required																
GAS ACCORDING EN 14175	I1, I3																



CEWELD CuAl8Ni2

CUAL8NI2 1,0MM

Type	KG/unit	EANCode
BS-300	15	8720663409164

CUAL8NI2 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663409171

CUAL8NI2 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663409270
BS-300	15	8720663409300