



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						
	W.Nr.	2.0922						
	F-nr	36						
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								
WELDING POSITIONS								
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si	Mn	Fe	Cu	Zn	Pb	Al	Ni+Co
	0.1	2	2	Rem.	0.1	0.01	8.5	2
MECHANICAL PROPERTIES	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness		
	As Welded			580		140 HB		
REDRYING	Not required							
GAS ACC. EN ISO 14175	I1, I3							



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CUAL8NI2 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409164

CUAL8NI2 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409171

CUAL8NI2 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409270
BS-300	15	8720663409300