CEWELD CuAl8Ni2

certilas® THE FILLER METAL SPECIALIST

TYPE

Mig Aluminium / Nickel alloyed copper welding wire

ANWENDUNGEN

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.

EIGENSCHAFTEN

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.

KLASSIFIKATION

EN ISO	24373: Cu 6327 / CuAl8Ni2Fe2Mn2
W.Nr.	2.0922
F-nr	36

GEEIGNET FÜR

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.

ZULASSUNGEN

SCHWEISSPOSITIONEN

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

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded		530		140 HB

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

I1, I3

CEWELD CuAl8Ni2

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