CEWELD CuMn13Al7

certilas® THE FILLER METAL SPECIALIST

TYPE	CuMnAlNi (W.Nr: 2.1367) Mig/Mag welding wire.
TOEPASSINGEN	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 manganese and nickel improves hardness and strength. Excellently suitable for joining and cladding of copper alloys, unalloyed and low-alloy steels and grey cast iron.
EIGENSCHAPPEN	Highest grade of the Al-Bronze-types. Seawater-resistant copper-aluminum alloy without Zn with high toughness and improved hardness. "Very good weldability compare to the more common Al. bronzes. "

CLASSIFICATIE

AWS	A 5.7: ERCuMnNiAl
EN ISO	24373: Cu 6338 / CuMn13Al8Fe3Ni2
W.Nr.	2.1367
F-nr	37

GESCHIKT VOOR

Ship propellers, copper, brass, pumps, seawater, desalting equipment, marine, pulling tools, shafts, guide grooves, sliding surfaces, cast iron, pully, UNS : C62300 - C63000, DIN : CuAl10Fe3Mn2 - CuAl10Ni5Fe4 - G-CuAl10Fe, Mat n° : 2.0936 - 2.0966 - 2.0940, CuNiAl, superstone etc..

GOEDKEURINGEN

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Mn	Fe	Cu	Zn	Pb	Al	Ni+Co
0.05	13	3	Rem.	0.1	0.01	8	2.5

MECHANISCHE WAARDEN

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded		880	10	290 HB

HERDROGEN

Not required

GAS ACC. EN ISO 14175

I1, I3

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CUMN13AL7 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409317
BS-300	15	8720663409324

CUMN13AL7 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409362

CUMN13AL7 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409386