CEWELD CuMn13Al7 Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

Solid high strength CuMnAlNi alloyed welding wire rode.

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 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.

EIGENSCHAFTEN

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. “

KLASSIFIKATION

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

GEEIGNET FÜR

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..

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

Si	Mn	Fe	Cu	Al	Ni+Co
0.1	13	3	Rem.	8	2.5

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded		600	15	220 HB

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

I1, I3

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CUMN13AL7 TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663409409

CUMN13AL7 TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663409416

CUMN13AL7 TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663409423