



CEWELD CuMn13Al7 Tig

TYPE	Solid high strength CuMnAlNi alloyed welding wire rode.					
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 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.					
PROPERTIES	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. ”					
CLASSIFICATION	AWS	A 5.7: ERCuMnNiAl				
	EN ISO	24373: Cu 6338 / CuMn13Al8Fe3Ni2				
	W.Nr.	2.1367				
	F-nr	37				
SUITABLE FOR	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..					
APPROVALS						
WELDING POSITIONS	      					
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si	Mn	Fe	Cu	Al	Ni+Co
	0.1	13	3	Rem.	8	2.5
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness	
	As Welded		600	15	220 HB	
REDRYING	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