



CEWELD CuMn13Al7

TYPE	CuMnAlNi (W.Nr: 2.1367) copper alloy Mig/Mag welding wire.							
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	Zn	Pb	Al	Ni+Co
	0.05	13	3	Rem.	0.1	0.01	8	2.5
MECHANICAL PROPERTIES	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness		
	As Welded			880	10	290 HB		
REDRYING	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