




CEWELD CuMn13Al7

TYPE	CuMnAlNi (W.Nr: 2.1367) Mig/Mag 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 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								
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 GÜTEWERTE	Heat Treatment		R _{P0.2} (MPa)	R _m (MPa)	A5 (%)	Hardness		
	As Welded			880	10	290 HB		
RÜCKTROCKNUNG	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