


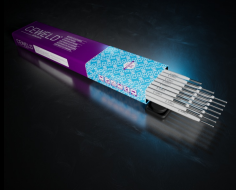




CEWELD E AlMn1

TYPE	Coated Manganese alloyed aluminium electrode.(AlMn1(Cu), Al 3103)					
APPLICATIONS	CEWELD®E AlMn1 is suitable for joining aluminum alloys alloyed with manganese, copper, silicon and magnesium. Also excellently suited for joining different types of aluminum and for seawater applications. Suitable for storage tanks, truck and trailer parts, chemical tanks, food equipment. Also for build-up and repair welding e.g. on fractions and/or other castings. castings.					
PROPERTIES	CEWELD®E AlMn1 has very good weldability with good penetration and porosity-free weld metal, unique self-lifting slag and improved coating against moisture absorption. CEWELD®E AlMn1 shows increased strength and excellent ductility due to the Mn content as well as excellent corrosion resistance. Welding instructions: Start with the upper part of the amperage range. Feed the electrode rapidly and move quickly to maintain a very close arc gap.					
CLASSIFICATION	AWS	A 5.3: E 3003				
	EN ISO	18273: E AlMn1Cu				
	F-nr	21				
	W.Nr.	3.0515				
	W.Nr.	3.0516				
SUITABLE FOR	Al 3103 (AlMn1(Cu)) 3.0516 Seawater resistant Aluminium, AlMn, AlMg alloys with max. 3% magnesium, Mat.n: 3.0506, 3.0515, 3.3315, 3.3318, 3.3328, 3.3527, 3.3535, 3.3541, 3.0525, 3.0526 AlMn0,6, AlMn, AlMn1, Al99,9Mg1, Al99,9Mg2, AlMgMn, AlMg1Mg0,5, AlMn1Mg1, AlMg3, G-AlMg3 Iso. n: 5005, 3103, 5005A, 5505, 5049, 5754, 5110, 3005, 3004					
APPROVALS	No Approvals Found					
WELDING POSITIONS	  					
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	Si	Mn	Fe	Cu	Zn	Al
	0.15	1.2	0.25	0.1	0.05	Rem.
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{p0,2} MPa	R _m MPa	A5 (%)		
	As Welded /	50	115	18		
REDRYING TEMPERATURE	Not required					
GAS ACCORDING EN 14175						



CEWELD E AlMn1

E ALMN1 2,5 X 350MM

Type	KG/unit	EANCode
Can	2	8720663406774

E ALMN1 3,2 X 350MM

Type	KG/unit	EANCode
Can	2	8720663406781

E ALMN1 4,0 X 350MM

Type	KG/unit	EANCode
Can	2	8720663406798