




CEWELD E AlMn1

TYPE	Coated Manganese alloyed aluminium electrode.					
APPLICATIONS	Joining aluminum alloys such as broken parts and or other casting parts, also ideal for cladding or rebuilding parts. Aluminum alloyed with Manganese, copper, silicon, and magnesium. Also excellent for welding dissimilar grades of Aluminum. Storage tanks, truck and trailer parts, chemical tanks, food equipment.					
PROPERTIES	Very good weldability with good penetration and porosity free deposit, Unique self lifting slag and improved coating against moisture pick up. Increased strength and excellent ductility due to Mn content Excellent corrosion resistance. Welding instructions: Start the electrode with about 130% hot start and hold the electrode straight while moving quickly forward and keep a very short arc.					
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)) 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 /	140	250	10		
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