



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.					
PROPRIÉTÉS	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 EN ISO W.Nr. F-nr	A 5.3: E 3003 18273: E AlMn1Cu 3.0515 21				
CONVIENT POUR	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					
AGRÉMENTS						
POSITIONS DE SOUDAGE						
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL DE SOUDURE (%)	Si 0.15	Mn 1.2	Fe 0.25	Cu 0.1	Zn 0.05	Al Rem.
PROPRIÉTÉS MÉCANIQUES	Heat Treatment As Welded	R _{p0,2} (MPa) 50	R _m (MPa) 115	A5 (%) 18	Hardness HRc	
ETUVAGE	Not required					
GAS ACC. EN ISO 14175						



CEWELD E AlMn1

E ALMN1 2,5 X 350MM

Packaging	KG/unit	EanCode
Can	2	8720663406774

E ALMN1 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2	8720663406781

E ALMN1 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2	8720663406798