



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	A 5.3: E 3003
	EN ISO	18273: E AlMn1Cu
	W.Nr.	3.0515
	F-nr	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



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

Si	Mn	Fe	Cu	Zn	Al
0.15	1.2	0.25	0.1	0.05	Rem.

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	140	250	10	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