



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



**ANALYSE CHIMIQUE
TYPIQUE DU MÉTAL DE
SOUDURE (%)**

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	50	115	18	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