



# CEWELD E AlMn1

<b>TYPE</b>	Coated Manganese alloyed aluminium electrode.	
<b>APPLICATIONS</b>	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.	
<b>PROPRIÉTÉS</b>	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.	
<b>CLASSIFICATION</b>	AWS EN ISO W.Nr. F-nr	A 5.3: E 3003 18273: E AlMn1Cu 3.0515 21
<b>CONVIENT POUR</b>	<b>Al 3103 (AlMn1(Cu)) 3.0516</b> Seawater resistant Aluminium, AlMn, AlMg alloys with max. 3% magnesium, <b>Mat.n:</b> 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 <b>Iso. n:</b> 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 <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	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