



CEWELD E AlSi 12

TYPE	Coated electrode for rapidly joining cast aluminum alloys.	
APPLICATIONS	Joining aluminum alloys such as broken gear parts and or other casting parts, also ideal for cladding or rebuilding wornout parts.	
PROPRIÉTÉS	Very good weldability with good penetration and porosity free deposit, Unique self lifting slag and improved coating against moisture pick up.	
CLASSIFICATION	AWS	A 5.3: E 4047
	EN ISO	18273: E AlSi12(A)
	W.Nr.	3.2585
	FM	23

CONVIENT POUR **Al 4047A (AlSi12)**
 Cast Aluminium with more than 7% Silicium,
Mat.n: 3.2211, 3.2315, 3.2371, 3.2373, 3.2381, 3.2383, 3.2581, 3.2583, 3.3206,
 G-AlSi12, G-AlSi12(Cu), G-AlSi10Mg, G-AlSi10Mg(Cu), G-AlSi9Mg, AlMg1SiCu, AlMg0,5Si, AlMgSi1,
 G-AlSi5Mg
Iso. n: 6061, 6063, 6082
 EN AC-42100 [AlSi7Mg0.3], EN AC-43000 [AlSi10Mg(A)], EN AC-43200 [AlSi10Mg(Cu)], EN AC-43300 [AlSi9Mg], EN AC-44000 [AlSi11], EN AC-44200 [AlSi12(A)], EN AC-47000 [AlSi12(Cu)]

AGRÉMENTS

POSITIONS DE SOUDAGE



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

Si	Mn	Ti	Fe	Cu	Zn	Al
12	0.05	0.08	0.15	0.3	0.2	Rem.

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	150	250	14	HRc

ETUVAGE Not required

GAS ACC. EN ISO 14175



CEWELD E ALSi 12

E ALSI 12 2,5 X 350MM

Packaging	KG/unit	EanCode
Can	2	8720663406743

E ALSI 12 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2	8720663406750

E ALSI 12 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2	8720663406767