



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	PAPBPC						
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL DE SOUDURE (%)	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)	A5 (%)	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