



CEWELD E NiTi3

TYPE Nickel based welding electrode for DC +.

APPLICATIONS CEWELD E NiTi3 is developed for welding and cladding Nickel 200 and Nickel 201. This alloy is also suited for surfacing of steel. Dissimilar welding applications of filler metal NiTi3 include joining Nickel 200 and 201 to stainless steels, copper-nickel alloys, and Monel alloys. It is also used for joining Monel alloys and copper-nickel alloys to carbon steels, and for joining copper-nickel alloys to Inconel or Incoloy Alloys.

PROPRIÉTÉS The reaction of titanium with carbon maintains a low level of free carbon and enables the filler metal to be used with Nickel 201. The weld metal has good corrosion resistance, particularly in alkali's.

CLASSIFICATION	AWS	A 5.11: E Ni-1
	EN ISO	14172: E Ni 2061
	W.Nr.	2.4156
	F-nr	41
	FM	6

CONVIENT POUR **Ni 2061 (NiTi3)**
W.Nr: 2.4060, 2.4061, 2.4062, 2.4066, 2.4068, 2.4106, 2.4108, 2.4109, 2.4110, 2.4116, 2.4122, 2.4128, 2.4170, 2.4175
Ni 99.6 ; **Ni** 99.2 ; **LC-Ni**99.6 ; **LC-Ni**99, **Ni**99.4Fe, **NiMn**1, **NiMn**1C, **NiMn**1,5, **NiMn**2, **NiMn**3Al, **NiMn**5, **NiAl**4Ti, **G-Ni**95, **G-Ni**93C
ASTM B160, B161, B162, B163
UNS: N02200, N02201, N02205
Alloy: 200, 201, 205, Monell

AGRÉMENTS

POSITIONS DE SOUDAGE



ANALYSE CHIMIQUE
TYPIQUE DU MÉTAL DE
SOUDURE (%)

C	Si	Mn	Ni	Ti	Fe	Cu
0.08	1	0.6	Rem.	3	0.5	0.1

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded	330	510	28	160	HRc

ETUVAGE Not required

GAS ACC. EN ISO 14175



CEWELD E NiTi3

E NITi3 2,5 X 350MM

Packaging	KG/unit	EanCode
Can	2,27	8720663419156

E NITi3 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,27	8720663419163

E NITi3 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2,27	8720663417671