



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 EN ISO W.Nr. F-nr FM | A 5.11: E Ni-1 14172: E Ni 2061 2.4156 41 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-Ni99.6 ; LC-Ni99, Ni99.4Fe, NiMn1, NiMn1C, NiMn1,5, NiMn2, NiMn3Al, NiMn5, NiAl4Ti, G-Ni95, G-Ni93C ASTM B160, B161, B162, B163 UNS: N02200, N02201, N02205 Alloy: 200, 201, 205, Monell | |

AGRÉMENTS

POSITIONS DE SOUDAGE



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

| 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 |