



# CEWELD Alloy C-2000 Tig

**TYPE** Nickel based wire rod for welding similar NiCrMo alloys

**TOEPASSINGEN** CEWELD Alloy C-2000 Tig (UNS N06200) is unique among the versatile nickel-chromium-molybdenum materials in having a deliberate copper addition

**EIGENSCHAPPEN** Like other nickel alloys, it is ductile, easy to form and weld, and possesses exceptional resistance to stress corrosion cracking in chloride-bearing solutions (a form of degradation to which the austenitic stainless steels are prone). It is able to withstand a wide range of oxidizing and non-oxidizing chemicals, and exhibits outstanding resistance to pitting and crevice attack in the presence of chlorides and other halides.

**CLASSIFICATIE**

|        |                                 |
|--------|---------------------------------|
| AWS    | A 5.14: ERNiCrMo-17             |
| EN ISO | 18274: S Ni 6200(NiCr23Mo16Cu2) |
| W.Nr.  | 2.4675                          |
| F-nr   | 43                              |
| FM     | 6                               |

**GESCHIKT VOOR** Alloy C-2000

**GOEDKEURINGEN**

**LASPOSITIES**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

| C    | Si   | Mn  | Cr | Ni | Mo | Fe | Co | Cu  |
|------|------|-----|----|----|----|----|----|-----|
| 0.01 | 0.08 | 0.4 | 23 | 60 | 16 | 2  | 1  | 1.5 |

**MECHANISCHE WAARDEN**

| Heat Treatment | R <sub>P0.2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      | 280                     | 690                  | 45                 | HRc      |

**HERDROGEN** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD Alloy C-2000 Tig

ALLOY C-2000 TIG 1,6 X  
914MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 4,54    | 8720663419958 |

ALLOY C-2000 TIG 2,4 X  
914MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 4,54    | 8720663419965 |