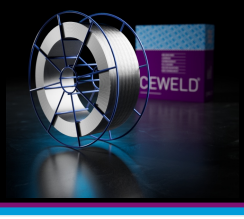


# CEWELD Alloy C-2000

certilas® THE FILLER METAL SPECIALIST

**TYPE**

Nickel based filler metal for welding similar NiCrMo Alloys

**ANWENDUNGEN**

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

**EIGENSCHAFTEN**

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.

**KLASSIFIKATION**

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

**GEEIGNET FÜR**

Alloy C-2000, 2.4675, Ni99,2, Nickel 200

**ZULASSUNGEN**

**SCHWEISSPOSITIONEN**


**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 | 1.5 | 1 | 1.6 |

**MECHANISCHE GÜTEWERTE**

| Heat Treatment | $R_{P0,2}$ (MPa) | Rm (MPa) | A5 (%) | Impact Energy (J) ISO-V | Hardness |
|---|---|---|---|---|---|
| | | | | RT | |
| As Welded | 550 | 830 | 45 | 195 | HRc |

**RÜCKTROCKNUNG**

Not required

**GAS ACC. EN ISO 14175**

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