# CEWELD NiCro 92 Tig

certilas® THE FILLER METAL SPECIALIST

**TYPE**

Nickel based Mig / Tig filler metal

**APPLICATIONS**

Cladding applications to resist extreme high temperatures and thermal shocks in extreme corrosive environments.

**PROPRIÉTÉS**

CEWELD NiCro 92 provides high mechanical strength and corrosion resistance at temperatures ranging from the cryogenic region to over 980°C. The weld deposit can be age hardened for greater strength at temperatures to about 700°C.

**CLASSIFICATION**

| | |
|---|---|
| AWS | A 5.14: ERNiCrFe-6 |
| EN ISO | 18274: S Ni 7092(NiCr15Ti3Mn) |
| F-nr | 43 |
| FM | 6 |

**CONVIENT POUR**

Joining Inconel and Incoloy alloys to stainless steels, carbon steels, Monel alloys, joining Monel alloys and Nickel 200 to stainless steels and joining stainless steels to carbon steels. This filler metal can also be used for welding Nickel steels. Excellent for cladding valves and pistons at high working temperature engines.

**AGRÉMENTS**

**POSITIONS DE SOUDAGE**


**ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)**

| C | Si | Mn | Cr | Ni | Ti | Fe |
|---|---|---|---|---|---|---|
| 0.06 | 0.2 | 2.5 | 16 | 70 | 3 | 6 |

**PROPRIÉTÉS MÉCANIQUES**

| Heat Treatment | $R_{P0,2}$ (MPa) | Rm (MPa) | A5 (%) | Hardness |
|---|---|---|---|---|
| As Welded | | 552 | 30 | HRc |

**ETUVAGE**

Not required

**GAS ACC. EN ISO 14175**

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