



# CEWELD NiCro 72 Tig

**TYPE** Nickel Chromium TIG rods

**APPLICATIONS** NiCro 72 filler metal is a typical alloy for cladding 671/800HT tubes. Also for overlaying of carbon steels and stainless steels to get a nickel-chromium corrosion resistance surface.

**PROPERTIES** Due to the high Chromium content it has excellent resistance to high temperature corrosion, also in fuel-ash atmosphere containing sulfur and vanadium

**CLASSIFICATION**

AWS	A 5.14: ERNiCr-4
EN ISO	18274: S Ni 6072 (NiCr44Ti)
F-nr	43
FM	6

**SUITABLE FOR** ASTM B163, B166, B167, B168 with UNS N06690, IN657, Incoloy 671/800H

**APPROVALS**

**WELDING POSITIONS**



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

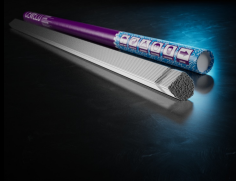
C	Si	Mn	Cr	Ni	Ti	Fe
0.08	0.1	0.1	43	55	0.7	0.2

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0.2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness
As Welded		690	30	HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** 11



# CEWELD NiCro 72 Tig

NICRO 72 TIG 1,6 X 914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663419101

NICRO 72 TIG 2,4 X 914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663419118