



CEWELD NiCro 72

TYPE Nickel Chromium solid MIG wire

APPLICATIONS CEWELD® 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 atmospheres containing sulfur and vanadium

CLASSIFICATION

AWS	A 5.14: ERNiCr-4
EN ISO	18274: S Ni 6072 (NiCr44Ti)
F-nr	46
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	P	S	Cr	Ni	Ti	Fe	Cu
0.05	0.1	0.1	0.008	0.008	45	55	0.6	0.2	0.2

MECHANICAL PROPERTIES

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded		700	30	HRc

REDRYING Not required

GAS ACC. EN ISO 14175 I1



CEWELD NiCro 72

NICRO 72 1,0MM

Packaging	KG/unit	EanCode
BS-300	13,60	8720663419088