



CEWELD NiCro 72

TYPE Nickel Chromium solid MIG wire

APPLICATIONS **CEWELD® NiCro 72** filler metal is designed for cladding alloy 671/800HT tubes, as well as for weld overlaying on carbon and stainless steels to provide a highly corrosion-resistant nickel-chromium surface.
It is the ideal choice for applications governed by existing Welding Procedure Specifications (WPS) that require a high-chromium filler metal for pure oxidation and sulfidation resistance.

PROPERTIES Due to its high chromium content, **CEWELD® NiCro 72** exhibits outstanding resistance to high-temperature corrosion, even 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