CEWELD NiCro 92 Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

Nickel based Mig / Tig filler metal

TOEPASSINGEN

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

EIGENSCHAPPEN

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.

CLASSIFICATIE

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

GESCHIKT VOOR

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.

GOEDKEURINGEN

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

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

MECHANISCHE WAARDEN

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

HERDROGEN

Not required

GAS ACC. EN ISO 14175

I1