



CEWELD NiCro 92 Tig

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)	R _m (MPa)	A5 (%)	Hardness	
	As Welded			552	30	HRc	
HERDROGEN	Not required						
GAS ACC. EN ISO 14175	I1						