



# CEWELD Alloy C-2000

**TYPE** NiCrMo based Mig welding wire for Hastelloy C2000

**APPLICATIONS** CEWELD® Alloy C-2000 (UNS N06200) is unique among the versatile nickel-chromium-molybdenum materials in having a deliberate copper addition

**PROPERTIES** Like other nickel alloys, it is ductile, easy to form and weld, and possesses exceptional resistance to stress corrosion cracking in chloride-bearing solutions (a form of degradation to which the austenitic stainless steels are prone). It is able to withstand a wide range of oxidizing and non-oxidizing chemicals, and exhibits outstanding resistance to pitting and crevice attack in the presence of chlorides and other halides.

**CLASSIFICATION**

AWS	A 5.14: ERNiCrMo-17
EN ISO	18274: S Ni 6200(NiCr23Mo16Cu2)
W.Nr.	2.4675
F-nr	43
FM	6

**SUITABLE FOR** Alloy C-2000, 2.4675, Ni99,2, Nickel 200

**APPROVALS**

**WELDING POSITIONS**



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

C	Si	Mn	Cr	Ni	Mo	Fe	Co	Cu
0.01	0.08	0.4	23	60	16	1.5	1	1.6

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	550	830	45	195		HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** I1