



CEWELD Alloy C-2000

TYPE Nickel based filler metal for welding similar NiCrMo Alloys

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

EIGENSCHAFTEN 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.

KLASSIFIKATION

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

GEEIGNET FÜR Alloy C-2000, 2.4675, Ni99,2, Nickel 200

ZULASSUNGEN

SCHWEISSPOSITIONEN



TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

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

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded	550	830	45	195	HRc

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 I1