CEWELD Alloy C-2000 Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

Nickel based wire rod for welding similar NiCrMo alloys

ANWENDUNGEN

CEWELD Alloy C-2000 Tig (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

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	2	1	1.5

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded	280	690	45	HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

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ALLOY C-2000 TIG 1,6 X 914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663419958

ALLOY C-2000 TIG 2,4 X 914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663419965