



CEWELD Alloy C-2000 Tig

TYPE	Nickel based wire rod for welding similar NiCrMo alloys																		
APPLICATIONS	CEWELD Alloy C-2000 Tig (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	<table border="0"> <tr> <td>AWS</td> <td>A 5.14: ERNiCrMo-17</td> </tr> <tr> <td>EN ISO</td> <td>18274: S Ni 6200(NiCr23Mo16Cu2)</td> </tr> <tr> <td>F-nr</td> <td>43</td> </tr> <tr> <td>FM</td> <td>6</td> </tr> <tr> <td>W.Nr.</td> <td>2.4675</td> </tr> </table>	AWS	A 5.14: ERNiCrMo-17	EN ISO	18274: S Ni 6200(NiCr23Mo16Cu2)	F-nr	43	FM	6	W.Nr.	2.4675								
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SUITABLE FOR	Alloy C-2000																		
APPROVALS	No Approvals Found																		
WELDING POSITIONS																			
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>Fe</th> <th>Co</th> <th>Cu</th> </tr> </thead> <tbody> <tr> <td>0.01</td> <td>0.08</td> <td>0.4</td> <td>23</td> <td>60</td> <td>16</td> <td>2</td> <td>1</td> <td>1.5</td> </tr> </tbody> </table>	C	Si	Mn	Cr	Ni	Mo	Fe	Co	Cu	0.01	0.08	0.4	23	60	16	2	1	1.5
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ALL WELD MECHANICAL PROPERTIES	<table border="1"> <thead> <tr> <th>Heat Treatment</th> <th>R_{p0,2} MPa</th> <th>R_m MPa</th> <th>A₅ (%)</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td>280</td> <td>690</td> <td>45</td> </tr> </tbody> </table>	Heat Treatment	R _{p0,2} MPa	R _m MPa	A ₅ (%)	As Welded /	280	690	45										
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As Welded /	280	690	45																
REDRYING TEMPERATURE	Not required																		
GAS ACCORDING EN 14175	I1																		



CEWELD Alloy C-2000 Tig

ALLOY C-2000 TIG 1,6 X
914MM

Type	KG/unit	EANCode
Tube	4,54	8720663419958

ALLOY C-2000 TIG 2,4 X
914MM

Type	KG/unit	EANCode
Tube	4,54	8720663419965