
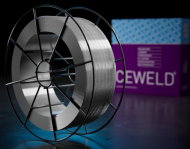


CEWELD NiTi3

TYPE	Solid Nickel based filler metal for MAG welding.																
APPLICATIONS	CEWELD® NiTi3 is developed for welding and cladding Nickel 200 and Nickel 201. This alloy is also suited for surfacing of steel. Dissimilar welding applications of filler metal NiTi3 include joining Nickel 200 and 201 to stainless steels, copper-nickel alloys, and Monel alloys. It is also used for joining Monel alloys and copper-nickel alloys to carbon steels, and for joining copper-nickel alloys to Inconel and Incoloy alloys.																
PROPERTIES	The reaction of titanium with carbon maintains a low level of free carbon and enables the filler metal to be used with Nickel 201. The weld metal has good corrosion resistance, particularly in alkali's.																
CLASSIFICATION	AWS	A 5.14: ERNi-1															
	EN ISO	18274: S Ni 2061(NiTi3)															
	F-nr	41															
	FM	6															
	W.Nr.	2.4155															
SUITABLE FOR	Ni 2061 (NiTi3) W.Nr: 2.4060, 2.4061, 2.4062, 2.4066, 2.4068, 2.4106, 2.4108, 2.4109, 2.4110, 2.4116, 2.4122, 2.4128, 2.4170, 2.4175 Ni 99.6 ; Ni 99.2 ; LC-Ni99.6 ; LC-Ni99, Ni99.4Fe, NiMn1, NiMn1C, NiMn1,5, NiMn2, NiMn3Al, NiMn5, NiAl4Ti, G-Ni95, G-Ni93C ASTM B160, B161, B162, B163 UNS: N02200, N02201, N02205 Alloy: 200, 201, 205, Monell																
APPROVALS	No Approvals Found																
WELDING POSITIONS																	
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">C</td> <td style="width: 25%;">Si</td> <td style="width: 25%;">Mn</td> <td style="width: 25%;">Ni</td> <td style="width: 25%;">Ti</td> <td style="width: 25%;">Al</td> </tr> <tr> <td>0.1</td> <td>0.5</td> <td>0.5</td> <td>96</td> <td>3</td> <td>0.9</td> </tr> </table>		C	Si	Mn	Ni	Ti	Al	0.1	0.5	0.5	96	3	0.9			
C	Si	Mn	Ni	Ti	Al												
0.1	0.5	0.5	96	3	0.9												
ALL WELD MECHANICAL PROPERTIES	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">Heat Treatment</td> <td style="width: 10%;">R_{P0,2}</td> <td style="width: 10%;">R_m</td> <td style="width: 10%;">A₅</td> <td style="width: 40%;">Impact Energy (J) ISO-V</td> </tr> <tr> <td>As Welded /</td> <td>MPa</td> <td>MPa</td> <td>(%)</td> <td>RT</td> </tr> <tr> <td></td> <td>200</td> <td>420</td> <td>30</td> <td>120</td> </tr> </table>		Heat Treatment	R _{P0,2}	R _m	A ₅	Impact Energy (J) ISO-V	As Welded /	MPa	MPa	(%)	RT		200	420	30	120
Heat Treatment	R _{P0,2}	R _m	A ₅	Impact Energy (J) ISO-V													
As Welded /	MPa	MPa	(%)	RT													
	200	420	30	120													
REDRYING TEMPERATURE	Not required																
GAS ACCORDING EN 14175	I1																



CEWELD NiTi3

NIT13 0,8MM

Type	KG/unit	EANCode
BS-300	15	8720663417695

NIT13 1,0MM

Type	KG/unit	EANCode
BS-300	15	8720663417701

NIT13 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663417725
BS-300	15	8720663417718

NIT13 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663417732