
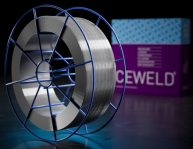


CEWELD 16.8.2

TYPE	A specially designed hybrid alloy between 308H and 316H for high temperature applications.																									
APPLICATIONS	Used mainly in power generation and chemical process industries on applications such as, steam turbines, catalytic crackers, transfer piping and furnace accessories.																									
PROPERTIES	A specially designed composition where Molybdenum % is reduced to form a hybrid alloy between 308H and 316H, operates in temperatures up to 800 °C. CEWELD® 16.8.2 Tig gives a very high resistance to thermal embrittlement. Creep ductility is enhanced at temperatures above 650 °C.																									
CLASSIFICATION	AWS	A 5.9: ER16-8-2																								
	EN ISO	14343-A: G 16 8 2																								
	F-nr	4																								
	FM	5																								
SUITABLE FOR	1.4948, 1.4941, 1.4961, 1.4919, X6CrNi18-10, X8CrNiTi18-10, X8CrNiNb16-13, X6CrNiMoB17-12-2, 304H, 321H , 347H, 316H, UNS 30409, S32109,S34709, S31609, 304S51, 321S51, 347S51, 316S51, 316S53																									
APPROVALS	CE																									
WELDING POSITIONS																										
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>Cu</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td>0.45</td> <td>1.3</td> <td>0.015</td> <td>0.002</td> <td>15</td> <td>8.6</td> <td>1.2</td> <td>0.1</td> </tr> </tbody> </table>								C	Si	Mn	P	S	Cr	Ni	Mo	Cu	0.05	0.45	1.3	0.015	0.002	15	8.6	1.2	0.1
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0.05	0.45	1.3	0.015	0.002	15	8.6	1.2	0.1																		
MECHANICAL PROPERTIES																										
REDRYING	Not required																									
GAS ACC. EN ISO 14175	I1, I3																									



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16.8.2 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663413246