
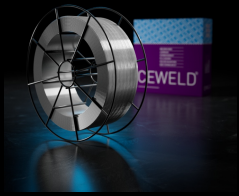




CEWELD Alloy B3

TYPE	Nickel based wire or rod for welding Hastelloy B2 and B3																						
APPLICATIONS	Plants for the production and processing of hydrochloric, sulfuric, acetic and phosphoric acids. Plants for ethylbenzene production. Pressure vessels for chloroprene production. Plants for the production of phenol from isopropyl benzene. Pyrolysis plants for the production of acetic anhydride																						
PROPERTIES	CEWELD® Alloy B3 is a nickel-base alloy with excellent resistance tot hydrochlorid acid at all concentrations and tempertures. It also withstands hydrogen chloride, sulfuric, acetic, hydrofluoric nd phosphoric acids. The alloy has improved thermal stability, fabricability and stress corrosion cracking resistance.																						
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.14: ERNiMo-10</td> </tr> <tr> <td>EN ISO</td> <td>18274: S Ni 1067(NiMo30Cr)</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>2.4600</td> </tr> </table>	AWS	A 5.14: ERNiMo-10	EN ISO	18274: S Ni 1067(NiMo30Cr)	F-nr	43	FM	6	W.Nr.	2.4600												
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F-nr	43																						
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SUITABLE FOR	Hastelloy B2, Hastelloy B3, 17744, 17750, 17751, 17752, 17753 ASTM: B 333, B 335, B 564, B 619, B 622, B 626																						
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;"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>Ti</th> <th>V</th> <th>Fe</th> <th>W</th> <th>Co</th> </tr> </thead> <tbody> <tr> <td>0.01</td> <td>0.08</td> <td>2</td> <td>2</td> <td>68</td> <td>28</td> <td>0.1</td> <td>0.1</td> <td>2</td> <td>2</td> <td>2</td> </tr> </tbody> </table>	C	Si	Mn	Cr	Ni	Mo	Ti	V	Fe	W	Co	0.01	0.08	2	2	68	28	0.1	0.1	2	2	2
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ALL WELD MECHANICAL PROPERTIES	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Heat Treatment</th> <th>R_{P0,2} MPa</th> <th>R_m MPa</th> <th>A₅ (%)</th> <th>Impact Energy (J) ISO-V RT</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td>544</td> <td>824</td> <td>45</td> <td>195</td> </tr> </tbody> </table>	Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V RT	As Welded /	544	824	45	195												
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As Welded /	544	824	45	195																			
REDRYING TEMPERATURE	Not required																						
GAS ACCORDING EN 14175	I1																						



CEWELD Alloy B3

ALLOY B3 0,9MM

Type	KG/unit	EANCode
BS-300	13,6	8720663419873