




CEWELD SA Nicro 600 strip

TYPE	Nickel Chromium solid strip																				
APPLICATIONS	This strip is suitable for both electroslag (ESW) and sub arc (SAW) process. Typical applications include cladding of vessels for the petrochemical, refinery and chemical industries																				
PROPERTIES	Weld metal deposited by SA Nicro 600 has high strength and good corrosion resistance, including oxidation resistance and creep-rupture strength at elevated temperatures. Use FL 860 ESHC flux																				
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.14: EQNiCr-3</td> </tr> <tr> <td>EN ISO</td> <td>18274: B Ni 6082 (NiCr20Mn3Nb)</td> </tr> <tr> <td>W.Nr.</td> <td>2.4806</td> </tr> </table>	AWS	A 5.14: EQNiCr-3	EN ISO	18274: B Ni 6082 (NiCr20Mn3Nb)	W.Nr.	2.4806														
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SUITABLE FOR	<p>SA Nicro 600 is mainly used for ESW and SAW cladding of carbon steel to obtain corrosion and creep resistant layers. Go to FL 860 ESHC suitable flux</p> <p>E Ni 6182 (Ni Cr 15 Fe6Mn), E NiCrFe-3 2.4630, 2.4631, 2.4669, 2.4816, 2.4817, 2.4851, 2.4867, 2.4870, 2.4951 ... (1.4816, 1.4864, 1.4876, 1.4583, 1.4886, 1.5637, 1.5662, 1.5680, 1.6900, 1.6901, 1.6903, 1.6906)</p> <p>NiCr20Ti, NiCr21TiAl, NiCr15Fe7TiAl, NiCr15Fe, LC-NiCr15Fe, NiCr23Fe, NiCr60 15, NiCr80 20, NiCr 10, NiCr20Ti 1.5637 12 Ni 14, X8Ni9, 12Ni19, X12CrNi18 9, GX8CrNi18 10, X10CrNiTi18 10, X5CrNi18 10</p> <p>UNS Nr: K81340 - N06600 - N06601 - N08800 - N08810 ASTM B163, B166, B167 und B168 Alloy 600, Alloy 600 L, Alloy 800 / 800H UNS N06600, N07080, N0800, N0810</p>																				
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>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Nb</th> <th>Ti</th> <th>Fe</th> </tr> </thead> <tbody> <tr> <td>0.08</td> <td>0.4</td> <td>3</td> <td>0.02</td> <td>0.01</td> <td>21</td> <td>75</td> <td>2.8</td> <td>0.2</td> <td>2</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Cr	Ni	Nb	Ti	Fe	0.08	0.4	3	0.02	0.01	21	75	2.8	0.2	2
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REDRYING TEMPERATURE	Not required																				
GAS ACCORDING EN 14175																					