


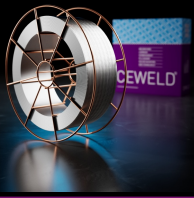


# CEWELD AA M410 NiMo

TYPE	Metal cored CrNiMo alloyed welding wire for rebuilding and cladding																
APPLICATIONS	AA M410NiMo is a Cr-Ni-Mo- alloyed, gas-shielded metal-cored wire electrode for cladding. The corrosion resistant deposit offers a medium hardness and is resistant against metal-metal wear and high surface pressure. He is used in steel mill rollers, thermoshock resistant and suitable for Francis and Pelton turbines. Used in steam power plants for its excelent resistance to cavitation and stress corrosion cracking.																
PROPERTIES	Good corrosion and abrasion resistance as required by water turbines in hydropower plants.																
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.22: E410NiMoT0-4</td> </tr> <tr> <td>EN ISO</td> <td>17633-A: T 13 4 M M21 2 / T 410NiMo</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>5</td> </tr> <tr> <td>W.Nr.</td> <td>1.4313</td> </tr> </table>	AWS	A 5.22: E410NiMoT0-4	EN ISO	17633-A: T 13 4 M M21 2 / T 410NiMo	F-nr	6	FM	5	W.Nr.	1.4313						
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SUITABLE FOR	<p><b>13%Cr - 4%Ni - 0,5%Mo Steel</b></p> <p>1.4000, 1.4001, 1.4002, 1.4313, 1.4317, 1.4407, 1.4413, 1.4414,            GX4CrNi13-4, X3CrNiMo13-4, GX5CrNiMo13-4, GX4CrNiMo13-4, X 6 Cr 13, X 7 Cr 14, X 6 CrAl 13            ACI Gr. CA 6 NM</p>																
APPROVALS	No Approvals Found																
WELDING POSITIONS	<div style="display: flex; gap: 10px;">    </div>																
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> </tr> </thead> <tbody> <tr> <td>0.06</td> <td>0.8</td> <td>1</td> <td>0.015</td> <td>0.015</td> <td>12.5</td> <td>4.5</td> <td>0.5</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Cr	Ni	Mo	0.06	0.8	1	0.015	0.015	12.5	4.5	0.5
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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<sub>p0,2</sub> MPa</th> <th>R<sub>m</sub> MPa</th> <th>A<sub>5</sub> (%)</th> <th>Impact Energy (J) ISO-V 0°C</th> <th>Hardness Rockwell C</th> </tr> </thead> <tbody> <tr> <td>As Welded /1h</td> <td>800</td> <td>890</td> <td>19</td> <td>67</td> <td>Avg. 40</td> </tr> </tbody> </table>	Heat Treatment	R <sub>p0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	Impact Energy (J) ISO-V 0°C	Hardness Rockwell C	As Welded /1h	800	890	19	67	Avg. 40				
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As Welded /1h	800	890	19	67	Avg. 40												
REDRYING TEMPERATURE	140°C / 24 hr																
GAS ACCORDING EN 14175	M21																



# CEWELD AA M410 NiMo

AA M410 NIMO 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663411785