


CATEGORY	GTAW Solid wires																						
TYPE	Nickel-Chromium-Aluminum alloy for TIG welding Alloy 601.																						
APPLICATIONS	CEWELD® 601 Tig is used for severe applications where the exposure temperature can exceed 2100°F [1150°C].																						
PROPERTIES	Excellent resistance against corrosion and oxidation and suitable for applications when exposed to hydrogen sulfide or sulfur dioxide.																						
CLASSIFICATION	AWS	A 5.14: ER NiCrFe-11																					
	EN ISO	18274: S Ni 6601(NiCr23Fe15Al)																					
	F-nr	43																					
	FM	6																					
SUITABLE FOR	The nominal composition (wt.-%) of filler metal of this classification is 61 Ni, 23 Cr, 14 Fe, and 1.4 Al. Filler metal of this classification is used for welding nickel-chromium-iron-aluminum alloy (ASTM B 166, B 167, and B 168 having UNS number N06601) to itself and to other high-temperature compositions.																						
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>Fe</th> <th>Cu</th> <th>Al</th> </tr> </thead> <tbody> <tr> <td>0.08</td> <td>0.27</td> <td>0.9</td> <td>0.01</td> <td>0.01</td> <td>23</td> <td>61</td> <td>15</td> <td>0.1</td> <td>1.5</td> </tr> </tbody> </table>			C	Si	Mn	P	S	Cr	Ni	Fe	Cu	Al	0.08	0.27	0.9	0.01	0.01	23	61	15	0.1	1.5
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REDRYING TEMPERATURE	Not required																						
GAS ACCORDING EN 14175	11																						