


Alloy C-276 Tig

CATEGORY	GMAW-GTAW Solid wires																																			
TYPE	Nickel based Tig filler metal for welding similar NiCrMo alloys.																																			
APPLICATIONS	Alloy C276 is used for welding materials of similar composition. This low carbon nickel-chromium-molybdenum filler metal can also be used for dissimilar welding between nickel base alloys and stainless steels, as well as for surfacing and cladding on low alloyed steels.																																			
PROPERTIES	Due to high molybdenum content this alloy offers excellent resistance too stress & corrosion cracking, pitting and crevice corrosion. High mechanical properties with excellent weldability.																																			
CLASSIFICATION	AWS	A 5.14: ER NiCrMo-4																																		
	EN ISO	18274: S Ni 6276 (NiCr15Mo16Fe6W4)																																		
	DIN: W.Nr.	2.4886																																		
	DIN	1736: EL-NiMo16Cr16W																																		
SUITABLE FOR	N10276, W.Nr: 2.4819, NiMo16Cr15W, alloy C4, alloy C276 (Hasteloy C-276)																																			
APPROVALS	CE approved																																			
WELDING POSITIONS:																																				
ALL WELD METAL ANALYSIS % (TYPICAL)	<table border="1"> <thead> <tr> <th>C</th> <th>Ni</th> <th>Cr</th> <th>Mo</th> <th>W</th> <th>V</th> <th>Fe</th> <th>Si</th> </tr> </thead> <tbody> <tr> <td><0.01</td> <td>Rem</td> <td>16</td> <td>16</td> <td>3,5</td> <td>0,2</td> <td>6</td> <td><0.1</td> </tr> </tbody> </table>							C	Ni	Cr	Mo	W	V	Fe	Si	<0.01	Rem	16	16	3,5	0,2	6	<0.1													
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