
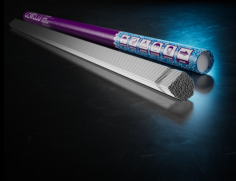




CEWELD ER 383 Tig

TYPE	ER 383 stainless steel Tig wire for GTAW welding																					
APPLICATIONS	Tanks and process vessels, Piping systems, agitators, rotors, cast pumps and valves for use in the fertilizer, phosphoric, sulphuric and acetic acid plants																					
PROPERTIES	ER 383 is used to weld base metals of similar composition to itself or to other grades of stainless steel. ER383 contains a low maximum of carbon, silicon, and sulfur to decrease the hot cracking and fissuring, while maintaining the resistance to corrosion.																					
CLASSIFICATION	AWS	A 5.9: ER383																				
	EN ISO	14343-A: W 27 31 4 Cu L																				
	W.Nr.	1.4563																				
	F-nr	6																				
	FM	5																				
SUITABLE FOR	Alloy 825 N08825 , Alloy 825 h Mo N08821, Alloy 28 and Alloy 20 (X1NiCrMoCu31-27-4), Alloy 904L (X1NiCrMoCu25-20-5), 1.4563, 1.4539, NiCr 21 Mo 2.4858, NiCr 21 Mo 6Cu 2.6410, X3NiCrCuMoTi27-23 1.4503																					
APPROVALS	CE																					
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>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>N</th> <th>Cu</th> </tr> </thead> <tbody> <tr> <td>0.02</td> <td>0.4</td> <td>1.55</td> <td>0.017</td> <td>0.01</td> <td>28.2</td> <td>32.1</td> <td>3.9</td> <td>0.05</td> <td>0.95</td> </tr> </tbody> </table>		C	Si	Mn	P	S	Cr	Ni	Mo	N	Cu	0.02	0.4	1.55	0.017	0.01	28.2	32.1	3.9	0.05	0.95
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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>Hardness</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>380</td> <td>570</td> <td>38</td> <td>HRc</td> </tr> </tbody> </table>		Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness	As Welded	380	570	38	HRc										
Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness																		
As Welded	380	570	38	HRc																		
REDRYING	Not required																					
GAS ACC. EN ISO 14175	I1, I3																					



CEWELD ER 383 Tig

ER 383 TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720682050088