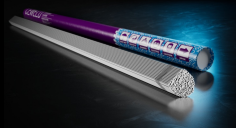


# CEWELD ERTi-7 Tig

TYPE	Titanium Tig welding wire grade 7													
APPLICATIONS	Grade 7 is often used in the aerospace industry because of its favorable weight/strength ratio. Also, in petrochemical, pharmaceutical, heat exchangers, pipes and valves.													
PROPERTIES	Grade 7 has better corrosion resistance than grade 2 due to the addition of 0.12-0.25% palladium, mechanical properties are similar to grade 2. The deposit is ductile and provides excellent corrosion resistance in oxidizing environments. The unique combination of mechanical strength and corrosion resistance makes the alloy a preferred choice in many applications to prevent or solve problems. The wire is cleaned in a very special way to provide a porous and ductile weld deposit.													
CLASSIFICATION	AWS	A 5.16: ERTi-7												
	EN ISO	24034: S Ti 2401 / TiPd0,2A												
	F-nr	51												
	W.Nr.	3.7236												
SUITABLE FOR	3.7236, 3.7235 Titanium grade 7, Grade 2, Grade 16 Alloy group 24 ( 2401, 2403, 2405) UNS R52400													
APPROVALS	No Approvals Found													
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>H</th> <th>O</th> <th>Fe</th> <th>Pd</th> <th>Ti</th> </tr> </thead> <tbody> <tr> <td>0.02</td> <td>0.005</td> <td>0.1</td> <td>0.1</td> <td>0.2</td> <td>Rem.</td> </tr> </tbody> </table>		C	H	O	Fe	Pd	Ti	0.02	0.005	0.1	0.1	0.2	Rem.
C	H	O	Fe	Pd	Ti									
0.02	0.005	0.1	0.1	0.2	Rem.									
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> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td>275</td> <td>345</td> <td>20</td> </tr> </tbody> </table>		Heat Treatment	R <sub>p0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	As Welded /	275	345	20				
Heat Treatment	R <sub>p0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)											
As Welded /	275	345	20											
REDRYING TEMPERATURE	Not required													
GAS ACCORDING EN 14175	I1													



# CEWELD ERTi-7 Tig

ERTI-7 TIG 1,0 X 1000MM	Type	KG/unit	EANCode
	Tube	2,5	8720663406606
ERTI-7 TIG 1,6 X 1000MM	Type	KG/unit	EANCode
	Tube	2,5	8720663406620
ERTI-7 TIG 2,0 X 1000MM	Type	KG/unit	EANCode
	Tube	2,5	8720663406637
ERTI-7 TIG 2,4 X 1000MM	Type	KG/unit	EANCode
	Tube	2,5	8720663406644
ERTI-7 TIG 3,2 X 1000MM	Type	KG/unit	EANCode
	Tube	2,5	8720663406651