

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	<table border="0"> <tr> <td>AWS</td> <td>A 5.16: ERTi-7</td> </tr> <tr> <td>EN ISO</td> <td>24034: S Ti 2401 / TiPd0,2A</td> </tr> <tr> <td>W.Nr.</td> <td>3.7236</td> </tr> <tr> <td>F-nr</td> <td>51</td> </tr> </table>	AWS	A 5.16: ERTi-7	EN ISO	24034: S Ti 2401 / TiPd0,2A	W.Nr.	3.7236	F-nr	51
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EN ISO	24034: S Ti 2401 / TiPd0,2A								
W.Nr.	3.7236								
F-nr	51								
SUITABLE FOR	3.7236, 3.7235 Titanium grade 7, Grade 2, Grade 16 Alloy group 24 (2401, 2403, 2405) UNS R52400								

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

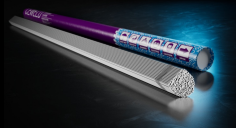
C	H	O	Fe	Pd	Ti
0.02	0.005	0.1	0.1	0.2	Rem.

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	275	345	20	HRc

REDRYING Not required

GAS ACC. EN ISO 14175 I1



CEWELD ERTi-7 Tig

ERTI-7 TIG 1,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406606
ERTI-7 TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406620
ERTI-7 TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406637
ERTI-7 TIG 2.4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406644
ERTI-7 TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406651