




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 EN ISO F-nr	A 5.16: ERTi-7 24034: S Ti 2401 / TiPd0,2A 51				
SUITABLE FOR	Titanium grade 7, Grade 2, Grade 16 Alloy group 24 (2401, 2403, 2405)					
APPROVALS	No Approvals Found					
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.
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A5 (%)		
	As Welded /	275	345	20		
REDRYING TEMPERATURE	Not required					
GAS ACCORDING EN 14175	I1					



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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