



CEWELD ERTi-7

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				
SUITABLE FOR	Titanium grade 7, Grade 2, Grade 16 Alloy group 24 (2401, 2403, 2405)					
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					



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ERTI-7 1,0MM

Packaging	KG/unit	EanCode
D-300	10	8720663406613

ERTI-7 1,2MM

Packaging	KG/unit	EanCode
D-300	10	8720663406590