



CEWELD ERTi-7

TYPE	Titanium Tig welding wire grade 7					
ANWENDUNGEN	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.					
EIGENSCHAFTEN	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.					
KLASSIFIKATION	AWS EN ISO F-nr	A 5.16: ERTi-7 24034: S Ti 2401 / TiPd0,2A 51				
GEEIGNET FÜR	Titanium grade 7, Grade 2, Grade 16 Alloy group 24 (2401, 2403, 2405)					
ZULASSUNGEN						
SCHWEISSPOSITIONEN	  					
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	C	H	O	Fe	Pd	Ti
	0.02	0.005	0.1	0.1	0.2	Rem.
MECHANISCHE GÜTEWERTE	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness	
	As Welded	275	345	20	HRc	
RÜCKTROCKNUNG	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