CEWELD ERTi-7 Tig

certilas® THE FILLER METAL SPECIALIST

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	A 5.16: ERTi-7
EN ISO	24034: S Ti 2401 / TiPd0,2A
W.Nr.	3.7236
F-nr	51

GEEIGNET FÜR

3.7236, 3.7235
Titanium grade 7, Grade 2, Grade 16
Alloy group 24 (2401, 2403, 2405)
UNS R52400

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

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)	Rm (MPa)	A5 (%)	Hardness
As Welded	275	345	20	HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

I1

CEWELD ERTi-7 Tig

certilas® THE FILLER METAL SPECIALIST

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