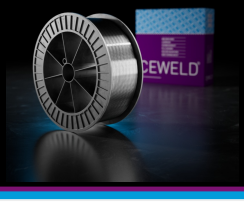


CEWELD ERTi-7

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
F-nr	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

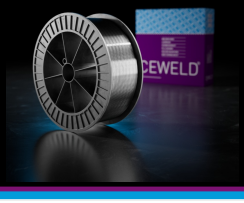
Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded	275	345	20	HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

I1



CEWELD ERTi-7

ERTI-7 1,0MM

Packaging	KG/unit	EanCode
D-300	10	8720663406613

ERTI-7 1,2MM

Packaging	KG/unit	EanCode
D-300	10	8720663406590