CEWELD ERTi-1 Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

Solid Titanium welding wire Grade 1 (purest grade)

ANWENDUNGEN

CEWELD ERTi-1 Grade 1 is the lowest strength unalloyed (or Commercially Pure-CP) grade. Grade 1 is used in applications where ductility is paramount, such as explosive cladding, loose linings, expanded metal, and deep drawing applications. It is also used in electrolytic applications like coated anode substrates for production of chlorine and sodium chlorate.

EIGENSCHAFTEN

The weld deposit is ductile and offers excellent corrosion resistance in oxidizing environments. The purity and corrosion resistance makes the alloy a preferred choice in many applications to prefent or solve problems. The wire is cleaned in a very special way to obtain porosity free and a ductile weld deposits.

KLASSIFIKATION

AWS	A 5.16: ERTi-1
EN ISO	24034: S Ti 0100 / Ti99,8
W.Nr.	3.7026
F-nr	51

GEEIGNET FÜR

3.7025, ~3.7035, ~3.7065
Titan Grade 1, ~Grad2, Grad3, ~ Grad4

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

C	H	N	O	Fe	Ti
0.02	0.004	0.01	0.05	0.05	Rem.

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded	250	320	24	HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

I1

CEWELD ERTi-1 Tig

certilas® THE FILLER METAL SPECIALIST

ERTI-1 TIG 1,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	2,5	8720663406330

ERTI-1 TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	2,5	8720663406347

ERTI-1 TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	2,5	8720663406354

ERTI-1 TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	2,5	8720663406361