

# CEWELD ERTi-2

**TYPE** Titanium Tig welding wire grade 2

**APPLICATIONS** CEWELD ERTi-2 is developed for welding Titanium grade 1, 2, 3 and 4. This alloy finds his applications in chemical industry and offers excellent Weldability.

**PROPERTIES** The weld deposit is ductile and offers 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 obtain porosity free and a ductile weld deposit.

**CLASSIFICATION**

AWS	A 5.16: ERTi-2
EN ISO	24034: S Ti 0120 / Ti99,6
W.Nr.	3.7036
F-nr	51

**SUITABLE FOR** Titanium grade 1, 2, 3 and 4.  
3.7025, 3.7031, 3.7035, 3.7051

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

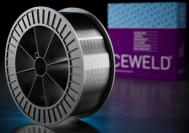
C	H	N	O	Fe	Ti
0.007	0.002	0.002	0.094	0.028	Rem.

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded	275	395	20	HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD ERTi-2

## ERTI-2 0,8MM

Packaging	KG/unit	EanCode
D-100	0,75	8720663406408
D-300	10	8720663406392

## ERTI-2 1,0MM

Packaging	KG/unit	EanCode
D-300	10	8720663406415

## ERTI-2 1,2MM

Packaging	KG/unit	EanCode
D-300	10	8720663406422

## ERTI-2 1,6MM

Packaging	KG/unit	EanCode
D-300	10	8720682051061