

# 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.
PROPRIÉTÉS	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
CONVIENT POUR	Titanium grade 1, 2, 3 and 4. 3.7025, 3.7031, 3.7035, 3.7051

## AGRÉMENTS

## POSITIONS DE SOUDAGE



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

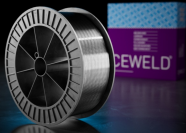
C	H	N	O	Fe	Ti
0.007	0.002	0.002	0.094	0.028	Rem.

## PROPRIÉTÉS MÉCANIQUES

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

ETUVAGE Not required

GAS ACC. EN ISO 14175 11



# 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