



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 (%)

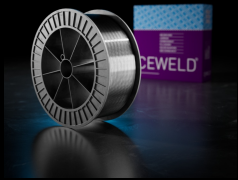
C	H	N	O	Fe	Ti
0.007	0.002	0.002	0.094	0.028	Rem.

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	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