

CEWELD ERTi-2 Tig

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	<table border="0"> <tr> <td>AWS</td> <td>A 5.16: ERTi-2</td> </tr> <tr> <td>EN ISO</td> <td>24034: S Ti 0120 / Ti99,6</td> </tr> <tr> <td>W.Nr.</td> <td>3.7036</td> </tr> <tr> <td>F-nr</td> <td>51</td> </tr> </table>	AWS	A 5.16: ERTi-2	EN ISO	24034: S Ti 0120 / Ti99,6	W.Nr.	3.7036	F-nr	51
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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 (%)

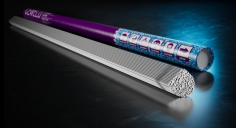
C	H	N	O	Fe	Ti
0.02	0.005	0.01	0.1	0.1	Rem.

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	275	490	42	HRc

REDRYING Not required

GAS ACC. EN ISO 14175 I1



CEWELD ERTi-2 Tig

ERTI-2 TIG 1,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406378
ERTI-2 TIG 1,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406385
ERTI-2 TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406439
ERTI-2 TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406446
ERTI-2 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406453
ERTI-2 TIG 3,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406460