

## ERTi-2

**CATEGORY** GMAW-GTAW Solid wires

**TYPE** Solid Titanium welding wire

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

**CLASSIFICATION**

AWS	A 5.16: ER Ti 2
EN ISO	24034: S Ti 0120 (Ti 99,6)
DIN: W.Nr.	3.7035
DIN	1737: SG Ti 2

**SUITABLE FOR** Titanium grade 1, 2, 3 and 4.

**APPROVALS** CE approved

**WELDING POSITIONS:**



**WELD METAL ANALYSIS %**

C	Fe	O <sub>2</sub>	H	N	Ti
< 0.08	< 0.25	< 0.18	< 0.013	< 0.05	rem

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (N/mm <sup>2</sup> )	R <sub>m</sub> (N/mm <sup>2</sup> )	A <sub>5</sub> (%)	Impact Energy (J) ISO-V			Hardness HRc / HV
				-20°C	-40°C	-60°C	
AW	275	395-540	20				

AW: as welded

**WELDING PARAMETERS / PACKING**

D (mm)	Welding Parameters	
	Current (A)	kg / spool
0.8		5/10
1.0		5/10
1.2		5/10

**REDRYING TEMPERATURE** Not required

**NOTE** Also available in TIG wire