

# CEWELD Al 4Ni0,2Ti Tig

**TYPE** Special aluminium alloy for TIG welding with high Nickel content..

**APPLICATIONS** Filler metal for welding Aluminium alloys with maximum 4% Nickel. This Nickel alloyed Aluminium filler metal is originally developed for welding power conductors that require higher strength.

**PROPERTIES** Excellent weldability and improved mechanical strength due to its high Nickel content. The weld deposit is free from porosity due to the special shaving process and cleaning method during production. Thicker sections should be preheated (150°C) prior to welding.

**CLASSIFICATION**

**SUITABLE FOR** Filler metal for welding Aluminium alloys with maximum 4% Nickel

**APPROVALS** CE

**WELDING POSITIONS**



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

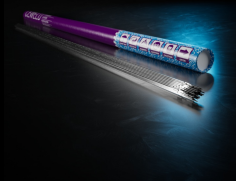
Be	Mn	Si	Ni	Fe	Cu	Al	Zn	Ti
0.0001	0.01	0.1	4	0.1	0.01	96	0.01	0.15

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded	20	65	35	HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD AL 4Ni0,2Ti Tig

AL 4Ni0,2Ti TIG 2,0 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663424525

AL 4Ni0,2Ti TIG 2,4 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408006

AL 4Ni0,2Ti TIG 3,2 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663424549