



# CEWELD Al 99,5 Ti Tig

**TYPE** Pure aluminum filler metal for Tig welding

**APPLICATIONS** Aluminium wire for welding mostly pure aluminium (maximum 0,5% of alloyed elements). Applications in chemistry, electronics, construction and food industries.

**PROPRIÉTÉS** This pure aluminum filler metal offers excellent weldability when properly cleaned prior to welding. Heavy parts and thicker plates should be preheated (150°C), prior to welding

**CLASSIFICATION**

AWS	A 5.10: ER1450
EN ISO	18273: S Al 1450 (Al99,5Ti)
F-nr	21

**CONVIENT POUR** Cast aluminium special repairs, Al99,0 Al.99,5 Al.99,7 E-Al

**AGRÉMENTS** CE

**POSITIONS DE SOUDAGE**

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

Si	Mn	Ti	Fe	Cu	Zn	Al
0.2	0.02	0.15	0.2	0.02	0.03	99.6

**PROPRIÉTÉS MÉCANIQUES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded	30	80	40	HRc

**ETUVAGE** Not required

**GAS ACC. EN ISO 14175** I1, I3