



# CEWELD Al 99,7 Tig

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

**APPLICATIONS** Aluminium wire for welding mostly pure aluminium (maximum 0,3% 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: ER1070  
EN ISO 18273: S Al 1070 (Al99,7)  
F-nr 21

**CONVIENT POUR** Al99,0 Al.99,5 Al.99,7 E-Al., 99,5, 3.0205, 3.0255, 3.0275, 3.0257, EN AW 1200, EN AW 1050A, EN AW 1070A, EN AW 1350

**AGRÉMENTS** CE

**POSITIONS DE SOUDAGE**



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

Si	Mn	Ti	Fe	Cu	Zn	Al
0.1	0.02	0.02	0.1	0.01	0.01	99.8

**PROPRIÉTÉS MÉCANIQUES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded	40	70	30	HRc

**ETUVAGE** Not required

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