



# CEWELD Al 99,5

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

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

**PROPERTIES** 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: ER1100
EN ISO	18273: S Al 1070 (Al99,7)
W.Nr.	3.0259
F-nr	21

**SUITABLE FOR** 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

**APPROVALS** CE

**WELDING POSITIONS**



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

Si	Mn	Ti	Fe	Cu	Zn	Al
0.18	0.02	0.01	0.1	0.01	0.01	99.5

**MECHANICAL PROPERTIES**

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

**REDRYING** Not required

**GAS ACC. EN ISO 14175** 11, 13