



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)
EN ISO	18273: Z Al 1100 (Al99,5)
F-nr	21
W.Nr.	3.0259

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

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} MPa	R _m MPa	A5 (%)
As Welded /	40	70	30

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 I1, I3