



CEWELD Al 99,5

TYPE Pure aluminum filler metal for Mig welding

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

EIGENSCHAPPEN 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.

CLASSIFICATIE

AWS	A 5.10: ER1100
EN ISO	18273: S Al 1070 (Al99,7), 18273: Z Al 1100 (Al99,5)
W.Nr.	3.0259
F-nr	21

GESCHIKT VOOR 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

GOEDKEURINGEN CE

LASPOSITIES



**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

MECHANISCHE WAARDEN

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	40	70	30	HRc

HERDROGEN Not required

GAS ACC. EN ISO 14175 I1, I3