

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

REDRYING Not required

GAS ACC. EN ISO 14175 11, 13