



CEWELD Al 99,5

TYPE Pure aluminum filler metal for Mig welding

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

EIGENSCHAFTEN 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.

KLASSIFIKATION

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

GEEIGNET FÜR 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

ZULASSUNGEN CE

SCHWEISSPOSITIONEN



**TYPISCHE CHEMISCHE
ANALYSE DES
FÜLLMETALLS (%)**

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

MECHANISCHE GÜTEWERTE

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

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 I1, I3