

CEWELD Al 99,7 Tig

TYPE	Pure aluminum filler metal for TIG welding
ANWENDUNGEN	Aluminium wire for welding mostly pure aluminium (maximum 0,3% 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: ER1070 EN ISO 18273: S Al 1070 (Al99,7) 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



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Mn	Ti	Fe	Cu	Zn	Al
0.1	0.02	0.02	0.1	0.01	0.01	99.8

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 11, 13