



CEWELD Al99,5 Ti Tig

TYPE Pure aluminum filler metal for Tig 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: ER1450
EN ISO 18273: S Al 1450 (Al99,5Ti)
F-nr 21

GEEIGNET FÜR Cast aluminium special repairs, Al99,0 Al.99,5 Al.99,7 E-Al

ZULASSUNGEN CE

SCHWEISSPOSITIONEN



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Mn	Ti	Fe	Cu	Zn	Al
0.2	0.02	0.15	0.2	0.02	0.03	99.6

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	30	80	40	HRc

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 I1, I3