



CEWELD Al 99,5 Ti Tig

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

SUITABLE FOR Cast aluminium special repairs, Al99,0 Al.99,5 Al.99,7 E-Al

APPROVALS CE

WELDING POSITIONS



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

MECHANICAL PROPERTIES

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

REDRYING Not required

GAS ACC. EN ISO 14175 I1, I3