



CEWELD Al 99,5 Ti

TYPE Pure aluminum filler metal for Mig welding

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

EIGENSCHAPPEN 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

CLASSIFICATIE

AWS	A 5.10: ER1450
EN ISO	18273: S Al 1450 (Al99,5Ti)
W.Nr.	3.0805
F-nr	21

GESCHIKT VOOR Cast aluminium special repairs, Pure aluminium
Al99,0 Al.99,5 Al.99,7 E-Al.
3.0255, 3.0205

GOEDKEURINGEN CE

LASPOSITIES



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Mn	Ti	Fe	Al
0.2	0.01	0.15	0.2	99.6

MECHANISCHE WAARDEN

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	30	80	40	HRc

HERDROGEN Not required

GAS ACC. EN ISO 14175 11, 13