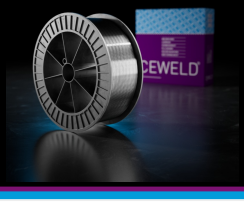

CEWELD Al 99,5 Ti

certilas® THE FILLER METAL SPECIALIST

TYPE	Pure aluminum filler metal for Mig 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)
W.Nr.	3.0805
F-nr	21

SUITABLE FOR	Cast aluminium special repairs, Pure aluminum Al99,0 Al.99,5 Al.99,7 E-Al. 3.0255, 3.0205
APPROVALS	CE

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Mn	Ti	Fe	Al
0.2	0.01	0.15	0.2	99.6

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded	30	80	40	HRc

REDRYING	Not required
GAS ACC. EN ISO 14175	I1, I3