



# CEWELD Al 99,5 Ti

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

**GEEIGNET FÜR** Cast aluminium special repairs, Pure aluminium  
Al99,0 Al.99,5 Al.99,7 E-Al.  
3.0255, 3.0205

**ZULASSUNGEN** CE

**SCHWEISSPOSITIONEN**



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si	Mn	Ti	Fe	Al
	0.2	0.01	0.15	0.2	99.6

MECHANISCHE GÜTEWERTE	Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
	As Welded	30	80	40	HRc

**RÜCKTROCKNUNG** Not required

**GAS ACC. EN ISO 14175** 11, 13