



CEWELD Al 99,5 Ti Tig

TYPE	Pure aluminum filler metal for Tig 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)					
	F-nr	21					
GESCHIKT VOOR	Cast aluminium special repairs, Al99,0 Al.99,5 Al.99,7 E-Al						
GOEDKEURINGEN	CE						
LASPOSITIES	      						
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 WAARDEN	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness	
	As Welded		30	80	40	HRc	
HERDROGEN	Not required						
GAS ACC. EN ISO 14175	I1, I3						