



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.						
PROPRIÉTÉS	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					
CONVIENT POUR	Cast aluminium special repairs, Al99,0 Al.99,5 Al.99,7 E-Al						
AGRÉMENTS	CE						
POSITIONS DE SOUDAGE							
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)	Si	Mn	Ti	Fe	Cu	Zn	Al
	0.2	0.02	0.15	0.2	0.02	0.03	99.6
PROPRIÉTÉS MÉCANIQUES	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness	
	As Welded		30	80	40	HRc	
ETUVAGE	Not required						
GAS ACC. EN ISO 14175	I1, I3						