



CEWELD Al 99,5 Ti

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.				
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)			
	W.Nr.	3.0805			
	F-nr	21			
CONVIENT POUR	Cast aluminium special repairs, Pure aluminum Al99,0 Al.99,5 Al.99,7 E-Al. 3.0255, 3.0205				
AGRÉMENTS	CE				
POSITIONS DE SOUDAGE					
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)	Si	Mn	Ti	Fe	Al
	0.2	0.01	0.15	0.2	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				