



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 aluminum Al99,0 Al.99,5 Al.99,7 E-Al. 3.0255, 3.0205				
ZULASSUNGEN	CE				
SCHWEISSPOSITIONEN					
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	Si	Mn	Ti	Fe	Al
	0.2	0.01	0.15	0.2	99.6
MECHANISCHE GÜTEWERTE	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
	As Welded	30	80	40	HRc
RÜCKTROCKNUNG	Not required				
GAS ACC. EN ISO 14175	I1, I3				