



CEWELD Al 99,5 Ti Tig

TYPE	Pure aluminum filler metal for Tig 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)					
	F-nr	21					
GEEIGNET FÜR	Cast aluminium special repairs, Al99,0 Al.99,5 Al.99,7 E-Al						
ZULASSUNGEN	CE						
SCHWEISSPOSITIONEN							
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	Si	Mn	Ti	Fe	Cu	Zn	Al
	0.2	0.02	0.15	0.2	0.02	0.03	99.6
MECHANISCHE GÜTEWERTE	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness	
	As Welded		30	80	40	HRc	
RÜCKTROCKNUNG	Not required						
GAS ACC. EN ISO 14175	I1, I3						