



CEWELD Al 99,5

TYPE	Pure aluminum filler metal for Mig 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: ER1100					
	EN ISO	18273: S Al 1070 (Al99,7), 18273: Z Al 1100 (Al99,5)					
	W.Nr.	3.0259					
	F-nr	21					
GESCHIKT VOOR	Al99,0 Al.99,5 Al.99,7 E-Al., 99,5, 3.0205, 3.0255, 3.0275, 3.0257, EN AW 1200, EN AW 1050A, EN AW 1070A, EN AW 1350						
GOEDKEURINGEN	CE						
LASPOSITIES	      						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si	Mn	Ti	Fe	Cu	Zn	Al
	0.18	0.02	0.01	0.1	0.01	0.01	99.5
MECHANISCHE WAARDEN	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness	
	As Welded		40	70	30	HRc	
HERDROGEN	Not required						
GAS ACC. EN ISO 14175	I1, I3						