




# CEWELD Al 99,7 Tig

<b>TYPE</b>	Pure aluminum filler metal for TIG welding						
<b>APPLICATIONS</b>	Aluminium wire for welding mostly pure aluminium (maximum 0,3% of alloyed elements). Applications in chemistry, electronics, construction and food industries.						
<b>PROPRIÉTÉS</b>	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.						
<b>CLASSIFICATION</b>	AWS	A 5.10: ER1070					
	EN ISO	18273: S Al 1070 (Al99,7)					
	F-nr	21					
<b>CONVIENT POUR</b>	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						
<b>AGRÉMENTS</b>	CE						
<b>POSITIONS DE SOUDAGE</b>							
<b>TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)</b>	Si	Mn	Ti	Fe	Cu	Zn	Al
	0.1	0.02	0.02	0.1	0.01	0.01	99.8
<b>PROPRIÉTÉS MÉCANIQUES</b>	Heat Treatment		R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness	
	As Welded		40	70	30	HRc	
<b>ETUVAGE</b>	Not required						
<b>GAS ACC. EN ISO 14175</b>	I1, I3						