



CEWELD AlMg 5 Tig

TYPE	Tig filler metal for welding Aluminium Magnesium alloys.					
APPLICATIONS	Filler metal for welding Aluminium alloys with maximum 5% Magnesium. This Magnesium alloyed Aluminium wire, thanks to its excellent corrosion resistance and its high mechanical properties is mainly used in ship yards, car and railway industry.					
PROPERTIES	Excellent weldability and good mechanical strength combined with good corrosion resistance are typical for this alloy. The weld deposit is free from porosity due to the special shaving process and cleaning method during production. AlMg5 is one of the most popular types within the range of aluminum alloys and covers a weight range of alloys. Thicker sections should be preheated (150°C) prior to welding.					
CLASSIFICATION	AWS EN ISO F-nr	A 5.10: ER5356 18273: S Al 5356 (AlMg5Cr(A)) 22				
SUITABLE FOR	Aluminium alloys: AlMg3, AlMg4, AlMg5,AlMgSi0.5, AlMgSi1; AlMgMn, AlZnMg1, G-AlMg3Si, G-AlMg5Si, G-AlMg10, AlMg1SiCu, AlMgSi0,7, AlZn4,5Mg1, AlZnMg4,5Mn ,AlZn5,5Mg1, AlSi1MgMn, AlSiMg(A), 3.3545, 3.3206, 3.3210, 3.2315, 3.3211, 3.4335, EN AW 5086, EN AW 6060, EN AW 6005A, EN AW , EN AW 6061, EN AW 7020,EN AW 7021 EN AC 51400, EN AC 51300, EN AC 51100, EN AW 5454					
APPROVALS	CE					
WELDING POSITIONS						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si 0.2	Mn 0.1	Cr 0.1	Ti 0.1	Al Rem.	Mg 5
MECHANICAL PROPERTIES	Heat Treatment As Welded	R _{P0,2} (MPa) 127	R _m (MPa) 285	A5 (%) 27	Hardness HRc	
REDRYING	Not required					
GAS ACC. EN ISO 14175	I1, I3					



CEWELD ALMg 5 Tig

ALMG 5 TIG 1,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407382
ALMG 5 TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407399
ALMG 5 TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407405
ALMG 5 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407412
ALMG 5 TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407429
ALMG 5 TIG 4,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407436
ALMG 5 TIG 5,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407443