

CEWELD AlMg 5

TYPE Mig 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. Thicker sections should be preheated (150°C) prior to welding.

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.

CLASSIFICATION

AWS	A 5.10: ER5356
EN ISO	18273: S Al 5356 (AlMg5Cr(A))
F-nr	22
W.Nr.	3.3556

SUITABLE FOR **Aluminium alloys:**
 AlMg3, AlMg4, AlMg5, AlMgSi1, AlMgSi0,5,AlMgMn, AlZnMg1, G-AlMg3Si, G-AlMg5Si, G-AlMg10, AlMg1SiCu, AlMgSi0,7, AlZn4,5Mg1, AlZnMg4,5Mn ,AlZn5,5Mg1, AlSi1MgMn, AlSiMg(A), AlMg 1 3.3315, 3.3545, 3.3206, 3.3210, 3.2315, 3.3211, 3.4335, 3.3535, 3.3555, EN AW 5086, EN AW 6060, EN AW 6005A, EN AW , EN AW 6061, EN AW 7020, EN AC 51400, EN AC 51300, EN AC 51100, EN AW 5454

APPROVALS CE

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

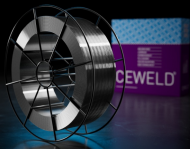
Si	Mn	Cr	Ti	Al	Mg
0.2	0.1	0.1	0.1	Rem.	5

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} MPa	R _m MPa	A5 (%)
As Welded /	130	280	25

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 I1, I3



CEWELD ALMg 5

ALMG 5 0,8MM

Type	KG/unit	EANCode
D-100	0,5	8720663406866
D-200	2	8720663406873
D-300	6	8720663406859

ALMG 5 1,0MM

Type	KG/unit	EANCode
D-100	0,5	8720663406903
D-200	2	8720663406910
D-300	7	8720663406897
Drum	80	8720663406880

ALMG 5 1,2MM

Type	KG/unit	EANCode
D-100	0,5	8720663406927
D-200	2	8720663406934
D-300	7	8720663406989

ALMG 5 1,6MM

Type	KG/unit	EANCode
D-300	7	8720663406941

ALMG 5 2,0MM

Type	KG/unit	EANCode
BS-300	7	8720663406958

ALMG 5 2,4MM

Type	KG/unit	EANCode
D-300	7	8720663406965