



# CEWELD AlMg 5

**TYPE** Mig filler metal for welding Aluminium Magnesium alloys.

**ANWENDUNGEN** 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.

**EIGENSCHAFTEN** 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.

**KLASSIFIKATION**

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

**GEEIGNET FÜR** **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

**ZULASSUNGEN** CE

**SCHWEISSPOSITIONEN**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

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

**MECHANISCHE GÜTEWERTE**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded	130	280	25	HRc

**RÜCKTROCKNUNG** Not required

**GAS ACC. EN ISO 14175** I1, I3



# CEWELD ALMg 5

## ALMG 5 0,8MM

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

## ALMG 5 1,0MM

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

## ALMG 5 1,2MM

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

## ALMG 5 1,6MM

Packaging	KG/unit	EanCode
D-300	7	8720663406941

## ALMG 5 2,0MM

Packaging	KG/unit	EanCode
BS-300	7	8720663406958

## ALMG 5 2,4MM

Packaging	KG/unit	EanCode
D-300	7	8720663406965