

# CEWELD AlMg 3

**TYPE** Mig wire for welding Aluminium Magnesium alloys with less than 3% Mg..

**APPLICATIONS** Suitable for base metals with maximum 3% Mg. These alloys are suitable for a big range of applications in the construction sector, in general, and in the structural industry. Widely used in ship and vessel building.

**PROPERTIES** This alloy offers excellent weldability when properly cleaned prior to welding. Heavy parts and thicker plates should be preheated (150°C), prior to welding. The alloy shows good corrosion-resistance and an excellent color-uniformity after anodizing. CEWELD® AlMg3 offers also good resistance against seawater.

**CLASSIFICATION**

AWS	A 5.10: ER5754
EN ISO	18273: S Al 5754 (AlMg3)
W.Nr.	3.3536
F-nr	22

**SUITABLE FOR** Aluminium Alloys:  
AlMg Mn, AlMg 3Mn, AlMg1, AlMg2, AlMg2,7Mn, AlMg3, AlMg3,5, AlMgSi0,5, AlMgSi0,8, G-AlMg3Si, AlMn 1, AlMg 1,8  
3.0515, 3.3206, 3.3315, 3.3326, 3.3535, 3.3541,  
EN AW 5005A, EN AW 5754, EN AW 6060, EN AC 51100, EN AW 5454, EN AW 5251,

**APPROVALS** CE

**WELDING POSITIONS**



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

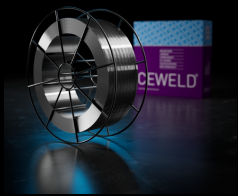
Mn	Cr	Ti	Al	Mg
0.5	0.3	0.15	Rem.	3.2

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded	80	190	20	HRc

**REDRYING** Not required

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



# CEWELD ALMg 3

## ALMG 3 0,8MM

Packaging	KG/unit	EanCode
BS-300	7	8720663407221
D-100	0,5	8720663407238

## ALMG 3 1,0MM

Packaging	KG/unit	EanCode
D-200	2	8720663407252
D-300	7	8720663407245

## ALMG 3 1,2MM

Packaging	KG/unit	EanCode
D-300	7	8720663407269
Drum	80	8720663407276

## ALMG 3 1,6MM

Packaging	KG/unit	EanCode
BS-300	7	8720663407283

## ALMG 3 2,0MM

Packaging	KG/unit	EanCode
D-300	7	8720663407290
D-355	18	8720663407306