



CEWELD AIMg 3

TYPE	Mig filler metal for welding Aluminium Magnesium alloys.				
ANWENDUNGEN	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.				
EIGENSCHAFTEN	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.				
KLASSIFIKATION	AWS EN ISO W.Nr. F-nr	A 5.10: ER5754 18273: S Al 5754 (AlMg3) 3.3536 22			
GEEIGNET FÜR	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,				
ZULASSUNGEN	CE				
SCHWEISSPOSITIONEN					
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	Mn 0.5	Cr 0.3	Ti 0.15	Al Rem.	Mg 3.2
MECHANISCHE GÜTEWERTE	Heat Treatment As Welded	R _{p0,2} (MPa) 80	R _m (MPa) 190	A5 (%) 20	Hardness HRc
RÜCKTROCKNUNG	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