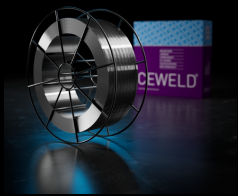




CEWELD AlMg 3

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	<table border="0"> <tr> <td>AWS</td> <td>A 5.10: ER5754</td> </tr> <tr> <td>EN ISO</td> <td>18273: S Al 5754 (AlMg3)</td> </tr> <tr> <td>W.Nr.</td> <td>3.3536</td> </tr> <tr> <td>F-nr</td> <td>22</td> </tr> </table>	AWS	A 5.10: ER5754	EN ISO	18273: S Al 5754 (AlMg3)	W.Nr.	3.3536	F-nr	22		
AWS	A 5.10: ER5754										
EN ISO	18273: S Al 5754 (AlMg3)										
W.Nr.	3.3536										
F-nr	22										
GEEIGNET FÜR	<p>Aluminium Alloys:</p> <p>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,</p>										
ZULASSUNGEN	CE										
SCHWEISSPOSITIONEN											
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>Mn</th> <th>Cr</th> <th>Ti</th> <th>Al</th> <th>Mg</th> </tr> </thead> <tbody> <tr> <td>0.5</td> <td>0.3</td> <td>0.15</td> <td>Rem.</td> <td>3.2</td> </tr> </tbody> </table>	Mn	Cr	Ti	Al	Mg	0.5	0.3	0.15	Rem.	3.2
Mn	Cr	Ti	Al	Mg							
0.5	0.3	0.15	Rem.	3.2							
MECHANISCHE GÜTEWERTE	<table border="1"> <thead> <tr> <th>Heat Treatment</th> <th>R_{p0,2} (MPa)</th> <th>R_m (MPa)</th> <th>A₅ (%)</th> <th>Hardness</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>80</td> <td>190</td> <td>20</td> <td>HRc</td> </tr> </tbody> </table>	Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness	As Welded	80	190	20	HRc
Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness							
As Welded	80	190	20	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