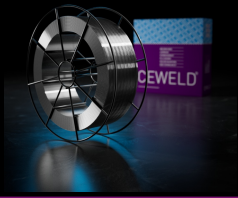




CEWELD AlMg 3

| 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 | <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>F-nr</td> <td>22</td> </tr> <tr> <td>W.Nr.</td> <td>3.3536</td> </tr> </table> | AWS | A 5.10: ER5754 | EN ISO | 18273: S Al 5754 (AlMg3) | F-nr | 22 | W.Nr. | 3.3536 | | |
| AWS | A 5.10: ER5754 | | | | | | | | | | |
| EN ISO | 18273: S Al 5754 (AlMg3) | | | | | | | | | | |
| F-nr | 22 | | | | | | | | | | |
| W.Nr. | 3.3536 | | | | | | | | | | |
| 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 (%) | <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 | | | | | | | |
| ALL WELD MECHANICAL PROPERTIES | <table border="1"> <thead> <tr> <th>Heat Treatment</th> <th>R_{p0,2} MPa</th> <th>R_m MPa</th> <th>A5 (%)</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td>80</td> <td>190</td> <td>20</td> </tr> </tbody> </table> | Heat Treatment | R _{p0,2} MPa | R _m MPa | A5 (%) | As Welded / | 80 | 190 | 20 | | |
| Heat Treatment | R _{p0,2} MPa | R _m MPa | A5 (%) | | | | | | | | |
| As Welded / | 80 | 190 | 20 | | | | | | | | |
| REDRYING TEMPERATURE | Not required | | | | | | | | | | |
| GAS ACCORDING EN 14175 | I1, I3 | | | | | | | | | | |



CEWELD ALMg 3

ALMG 3 0,8MM

| Type | KG/unit | EANCode |
|--------|---------|---------------|
| BS-300 | 7 | 8720663407221 |
| D-100 | 0,5 | 8720663407238 |

ALMG 3 1,0MM

| Type | KG/unit | EANCode |
|-------|---------|---------------|
| D-200 | 2 | 8720663407252 |
| D-300 | 7 | 8720663407245 |

ALMG 3 1,2MM

| Type | KG/unit | EANCode |
|-------|---------|---------------|
| D-300 | 7 | 8720663407269 |
| Drum | 80 | 8720663407276 |

ALMG 3 1,6MM

| Type | KG/unit | EANCode |
|--------|---------|---------------|
| BS-300 | 7 | 8720663407283 |

ALMG 3 2,0MM

| Type | KG/unit | EANCode |
|-------|---------|---------------|
| D-300 | 7 | 8720663407290 |
| D-355 | 18 | 8720663407306 |