



# CEWELD AlMg 3 Tig

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |                                |                 |                 |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------|-----------------|-----------------|
| TYPE                                              | TIG filler metal for welding Aluminium Magnesium alloys.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                |                 |                 |
| TOEPASSINGEN                                      | 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.                                                                                                                                                                                                                                                                                                                                                                       |                                                  |                                |                 |                 |
| EIGENSCHAPPEN                                     | This alloy offers excelent 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 colour-uniformity after anodizing. CEWELD® AlMg3 Tig offers also good resistance against seawater.                                                                                                                                                                                                                                                                     |                                                  |                                |                 |                 |
| CLASSIFICATIE                                     | AWS<br>EN ISO<br>F-nr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A 5.10: ER5754<br>18273: S Al 5754 (AlMg3)<br>22 |                                |                 |                 |
| GESCHIKT VOOR                                     | Aluminium alloys: AlMg Mn, AlMg 3Mn, AlMg1, AlMg2, AlMg2,7Mn, AlMg3, AlMg3,5, AlMgSi0,5, AlMgSi0,8, G-AlMg3Si, 3.3315, 3.3535, 3.3206, 3.3541, EN AW 5005A, EN AW 5754, EN AW 6060, EN AC 51100, EN AW 5454, EN AW 5251                                                                                                                                                                                                                                                                                                                                                                       |                                                  |                                |                 |                 |
| GOEDKEURINGEN                                     | CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                                |                 |                 |
| LASPOSITIES                                       |        |                                                  |                                |                 |                 |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | Al<br>Rem.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  | Mg<br>3.2                      |                 |                 |
| MECHANISCHE WAARDEN                               | Heat Treatment<br>As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | R <sub>P0,2</sub><br>(MPa)<br>80                 | R <sub>m</sub><br>(MPa)<br>190 | A5<br>(%)<br>20 | Hardness<br>HRc |
| HERDROGEN                                         | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |                                |                 |                 |
| GAS ACC. EN ISO 14175                             | I1, I3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                  |                                |                 |                 |



# CEWELD ALMg 3 Tig

|                         |           |         |               |
|-------------------------|-----------|---------|---------------|
| ALMG 3 TIG 1,6 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663407313 |
| ALMG 3 TIG 2,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663407320 |
|                         | Tube      | 5       | 8720663407337 |
| ALMG 3 TIG 2,4 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663407344 |
| ALMG 3 TIG 3,2 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663407351 |
| ALMG 3 TIG 4,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663407368 |
| ALMG 3 TIG 5,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663407375 |