



CEWELD AlSi 5 Tig

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|--|--|------------------------------|-------------------------|----------------------|--------|----------|-----|
| TYPE | Tig aluminium welding wire alloyed with silicon | | | | | | |
| TOEPASSINGEN | Tig filler metal for welding Aluminium alloys with maximum 2% alloying elements and for aluminium alloys containing up to 7% Si.(after anodizing welding will be of a dark grey colour) | | | | | | |
| EIGENSCHAPPEN | Thanks to its excellent weldability and good penetration this alloy is used mainly in construction and automotive industry. The silicon addition results in improved fluidity (wetting action), making the alloy the preferred choice of welders. The alloy is not sensitive to weld cracking and produces bright, almost smut-free welds. Not recommended for anodizing. Non-heat treatable. Thicker sections should be preheated (150°C) prior to welding. | | | | | | |
| CLASSIFICATIE | AWS | A 5.10: ER4043 | | | | | |
| | EN ISO | 18273: S Al 4043A (AlSi5(A)) | | | | | |
| | W.Nr. | 3.2245 | | | | | |
| | F-nr | 23 | | | | | |
| GESCHIKT VOOR | AlMgSi 0, AlSiMg (A), AlSi 1 MgMn, AlMg1SiCu, 3.3206, 3.3210, 3.2315, 3.3211, EN AW 6060, EN AW 6005A, EN AW 6082, EN AW 6061, EN AC 45000, | | | | | | |
| GOEDKEURINGEN | CE | | | | | | |
| LASPOSITIES | | | | | | | |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | Si | Mn | Ti | Fe | Cu | Al | Mg |
| | 5 | 0.1 | 0.1 | 0.3 | 0.2 | Rem. | 0.1 |
| MECHANISCHE WAARDEN | Heat Treatment | | R _{P0,2} (MPa) | R _m (MPa) | A5 (%) | Hardness | |
| | As Welded | | 70 | 130 | 17 | HRc | |
| HERDROGEN | Not required | | | | | | |
| GAS ACC. EN ISO 14175 | I1, I3 | | | | | | |



CEWELD ALSi 5 Tig

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|-------------------------|-----------|---------|---------------|
| ALSI 5 TIG 0,8 X 1000MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663405432 |
| ALSI 5 TIG 1,6 X 1000MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663407597 |
| ALSI 5 TIG 2,0 X 1000MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663407603 |
| ALSI 5 TIG 2,4 X 1000MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663407610 |
| ALSI 5 TIG 3,2 X 1000MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663407627 |
| ALSI 5 TIG 4,0 X 1000MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663407634 |
| ALSI 5 TIG 5,0 X 1000MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663407641 |