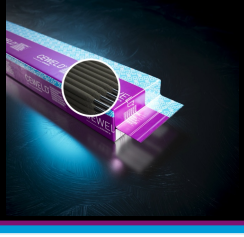


# CEWELD E 12018-Mo

certilas® THE FILLER METAL SPECIALIST

**TYPE**

Low hydrogen basic electrode for extreme high strenght steels

**APPLICATIONS**

Designed for welding heat treated steels with yield strength > 960 MPa such as S960QL and TsTE960V in crane building, heavy lifting earth moving equipment etc.

**PROPRIÉTÉS**

Basic electrode with excellent welding characteristics, recommended for welding fine grained similar alloyed high yield strength steel > 960 MPa in case high impact values are required at sub zero temperatures. Hydrogen content HD < 4 ml/100 g.

**CLASSIFICATION**

| | |
|---|---|
| AWS | A 5.5: E 12018-G |
| EN ISO | 18275-A: E 89 4 Z B 62 H5 |
| F-nr | 4 |
| FM | 2 |

**CONVIENT POUR**

**Reh < 890 Mpa Iso 15608: 3.2 (Reh > 690 MPa)**
S960QL, TSTE 960V, Xabo 90, X96, Weldox 900 Weldox 1100, Domex 960, Domex Wear 360, XABO 90, StE890V, StE960TM, weldox 900, StE 890, S890QL1, A517, X120, StE 960, S960QL1, S1100 (till 12 mm)
alform plate 900 x-treme, alform plate 960 M x-treme

**AGRÉMENTS**

CE

**POSITIONS DE SOUDAGE**


**ANALYSE CHIMIQUE TYPIQUE DU MÉTAL DE SOUDURE (%)**

| C | Si | Mn | Cr | Ni | Mo |
|---|---|---|---|---|---|
| 0.063 | 0.42 | 1.41 | 0.88 | 2.33 | 0.75 |

**PROPRIÉTÉS MÉCANIQUES**

| Heat Treatment | $R_{P0,2}$ (MPa) | Rm (MPa) | A5 (%) | Impact Energy (J) ISO-V -40°C | Hardness |
|---|---|---|---|---|---|
| As Welded | 925 | 1050 | 17 | 75 | HRc |

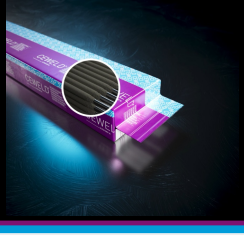
**ETUVAGE**

350°C / 2 hr

**CURRENT TYPE**

DC+

**GAS ACC. EN ISO 14175**





# CEWELD E 12018-Mo

E 12018-MO 2,5 X 300MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Vacuum | 1,8 | 8720682050453 |

E 12018-MO 3,2 X 350MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Vacuum | 1,9 | 8720682050460 |

E 12018-MO 4,0 X 450MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Vacuum | 2,4 | 8720682050477 |

E 12018-MO 5,0 X 450MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Vacuum | 2,3 | 8720682050484 |