

# CEWELD OA 59

**TYPE** High-alloyed tubular wire on a C-Cr-Nb carbide basis for extreme hard deposits on parts subject to strong mineral abrasion, weldable without protective gas.

**APPLICATIONS** Cladding and rebuilding parts that are subject to severe abrasion.

**PROPRIÉTÉS** Extreme abrasion resistant with reasonable impact properties and temperature resistance up to 300°C. Due to the combination Cr and Nb carbides the deposit structure contains very fine particles that results in excellent wear resistance against heavy abrasion. Usually the maximum number of layers is 2 till 3 but when using a special stringer build up technick with release cracks, upto 15 layers is also possible.

**CLASSIFICATION** EN ISO 14700: T Fe15  
DIN 8555: MF 10-GF-60-G

**CONVIENT POUR** Sand and earth moving equipment such as buckets and teeth, dredge buckets, coke hammers, crushing equipment, rockwool rolls and brick industry, cement rollers, tables, Nihard and Mohard parts without buffer layer, slurry pumps, loaders, wear plates etc.  
Equivalent in SMAW: CEWELD® [Dur 62S](#), [Dur 63Nb](#)

**AGRÉMENTS**

**POSITIONS DE SOUDAGE**



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

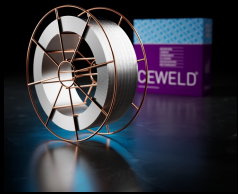
| C | Si | Mn  | Cr | Nb | Fe   |
|---|----|-----|----|----|------|
| 5 | 1  | 0.4 | 22 | 7  | Rem. |

**PROPRIÉTÉS MÉCANIQUES**

| Heat Treatment | R <sub>p0.2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         |                      |                    | 62 HRc   |

**ETUVAGE** 140°C / 24 hr

**GAS ACC. EN ISO 14175**



# CEWELD OA 59

## OA 59 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403339 |

## OA 59 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403506 |

## OA 59 2,4MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Drum      | 250     | 8720663403537 |
| K-415     | 17      | 8720663403513 |

## OA 59 2,8MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403544 |