



CEWELD E NiCrMo C4

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|-----------------------|---|--------------------|
| TYPE | Nickel based electrode for NiCrMo C4 welding | |
| APPLICATIONS | CEWELD E NiCrMo C4 is used for welding nickel-chromium-molybdenum alloy, for welding of the clad side of joints in steel clad with nickel-chromium-molybdenum alloy, and for joining nickel-chromium-molybdenum alloys to steel and to other nickel-base alloys | |
| PROPRIÉTÉS | Due to the combination of chromium with high molybdenum content receives CEWELD E NiCrMo C4 exceptional resistance to a variety of chemical media such as contaminated, reducing mineral acids, chlorides and organic as well as inorganic chloride contaminated media. | |
| CLASSIFICATION | AWS | A 5.11: E NiCrMo-7 |
| | EN ISO | 14172: E Ni 6455 |
| | F-nr | 43 |
| | FM | 6 |
| CONVIENT POUR | Alloy C4 ASTM B574, B575, B619, B622, B626 UNS N06455 | |

AGRÉMENTS

POSITIONS DE SOUDAGE



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

| C | Si | Mn | P | S | Cr | Ni | Mo | Ti | Fe | Co |
|------|------|-----|------|-------|------|------|------|-----|-----|-----|
| 0.01 | 0.11 | 0.9 | 0.01 | 0.001 | 16.3 | Rem. | 14.8 | 0.2 | 0.5 | 0.7 |

PROPRIÉTÉS MÉCANIQUES

| Heat Treatment | R _{P0.2} (MPa) | R _m (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded | 430 | 710 | 31 | HRc |

ETUVAGE 140°C / 1 hr

GAS ACC. EN ISO 14175