



CEWELD Alloy 263

TYPE Solid nickel based filler metal for gas shielded arc welding.

APPLICATIONS CEWELD® Alloy 263 is developed for aircraft turbine engine and industrial turbine applications. These include low-temperature combustors, transition liners, and some ring components.

PROPRIÉTÉS CEWELD® Alloy 263 should be used for applications up to about 1650°F (900°C). Its oxidation resistance is comparable to that for other gamma-prime-strengthened superalloys. CEWELD® Alloy 263 is an age-hardenable nickel-cobalt-chromium-molybdenum alloy designed specifically to combine good age-hardened strength properties with excellent fabrication characteristics in the annealed condition. CEWELD® Alloy 263 exhibits excellent intermediate temperature tensile ductility, and is not normally subject to strain age cracking problems common for gamma prime strengthened alloys.

CLASSIFICATION

CONVIENT POUR Nickel based alloys with similar composition as Nimonic 263

AGRÉMENTS CE

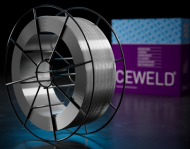
POSITIONS DE SOUDAGE

| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C | Mn | Si | Cr | Ni | Mo | Ti | Co |
|---|------|-----|-----|----|------|----|-----|----|
| | 0.06 | 0.4 | 0.2 | 20 | Rem. | 6 | 2.6 | 20 |

| PROPRIÉTÉS MÉCANIQUES | Heat Treatment | R _{P0,2} (MPa) | R _m (MPa) | A5 (%) | Hardness |
|-----------------------|----------------|-------------------------|----------------------|--------|----------|
| | As Welded | | 900 | | HRc |

ETUVAGE Not required

GAS ACC. EN ISO 14175 11



CEWELD Alloy 263

ALLOY 263 0,8MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 13,6 | 8720663419798 |

ALLOY 263 1,2MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 13,6 | 8720663419804 |