



CEWELD CuNi10Fe

TYPE Copper-Nickel welding wire for marine applications

APPLICATIONS CEWELD® CuNi10Fe is suitable for welding and cladding CuNi-Materials of EN ISO 17664 and seawater resistant CuZn Alloys of EN ISO 17660. And also suitable for surfacing on low alloyed and unalloyed steels and grey cast iron.

PROPERTIES Seawater resistant

CLASSIFICATION EN ISO 24373: Cu 7061 / CuNi10
W.Nr. 2.0873
F-nr 37

SUITABLE FOR Cunifer 10, cuni10fe, seawater resistant, marine applications, tubes, pump building, offshore etc.

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

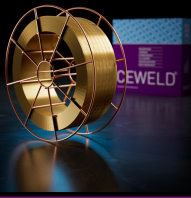
| C | Si | Mn | P | S | Ti | Fe | Cu | Pb | Ni+Co |
|------|-----|----|------|------|-----|-----|----|------|-------|
| 0.02 | 0.1 | 1 | 0.01 | 0.01 | 0.4 | 1.5 | 89 | 0.01 | 10 |

MECHANICAL PROPERTIES

| Heat Treatment | Rp0,2 (MPa) | Rm (MPa) | A5 (%) | Impact Energy (J) ISO-V | | Hardness |
|----------------|-------------|----------|--------|-------------------------|--|----------|
| | | | | RT | | |
| As Welded | | 300 | 34 | 190 | | 80 HB |

REDRYING Not required

GAS ACC. EN ISO 14175 I1, I3



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CUNI10FE 0,8MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 15 | 8720663409447 |
| D-100 | 1 | 8720663409454 |

CUNI10FE 1,0MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 15 | 8720663409461 |

CUNI10FE 1,2MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 15 | 8720663409478 |