



# CEWELD CuNi10Fe Tig

**TYPE** Copper-Nickel alloyed TIG welding wire

**APPLICATIONS** The CEWELD® CuNi10Fe Tig is suitable for welding and cladding CuNi-Materials of ISO 17664 and seawater resistant CuZn alloys of ISO 17660 table 3. And also suitable for surfacing on low alloyed and unalloyed steels and grey cast iron.

**PROPERTIES** Sound, pore free deposits on ferrous and non-ferrous base materials.

**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 (%)**

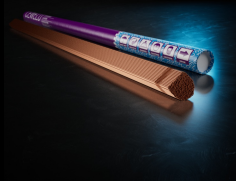
C	Si	Mn	P	S	Ti	Fe	Cu	Pb	Ni+Co
0.02	0.1	1.1	0.01	0.01	0.4	1.5	Rem.	0.01	10

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded		300	34	190		80 HB

**REDRYING** Not required

**GAS ACC. EN ISO 14175** I1, I3



# CEWELD CuNi10Fe Tig

CUNI10FE TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663409485
CUNI10FE TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663409492
CUNI10FE TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663409508
CUNI10FE TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663409515