



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 CuNi5Fe (2.0862), CuNi10Fe1Mn (2.0872)
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 _{P0,2} (MPa)	R _m (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 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