CEWELD CuNi30Fe

certilas® THE FILLER METAL SPECIALIST

TYPE

Copper-Nickel alloyed Mig / Tig welding wire.

TOEPASSINGEN

This Copper-Nickel weld metal is widely used for marine and desalination applications. Dissimilar-welding applications for this alloy are joints between Monel alloys or Nickel 200 and Copper-Nickel alloys. Often used for surfacing on steel by using Ceweld NiTi-3 as a Buffer layer. Shipbuilding, seawater evaporation plants, tubes, pump building, offshore, desalting equipment and parts etc.

EIGENSCHAPPEN

Sound, pore free deposits on ferrous and non-ferrous base materials offering excellent resistance to corrosion in sea water.

CLASSIFICATIE

AWS	A 5.7: ERCuNi
EN ISO	24373: Cu 7158 / CuNi30Mn1FeTi
W.Nr.	2.0837
F-nr	34

GESCHIKT VOOR

Mat.n: CW350H/2.0830, CW352H/2.0872, CW354H/2.0882, CW403J/2.0730, CW409J/2.0740, 2.0862 2.0806, 2.0812, 2.0818, 2.0822, 2.0830, 2.0836, 2.0842, 2.0862, 2.0872, 2.0878, 2.0882, 2.0890
(Monel 67): Wrought and Cast Alloys of 70-30, 80-20 and 90-10 Copper Nickel Alloys, Monel Alloy 450, Nickel 200, CuNi5Fe, CuNi10Fe, CuNi20Fe (2.0878), CuNi30Fe (2.0882).

GOEDKEURINGEN

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Mn	P	Ti	Fe	Pb	Cu+Ag	Ni+Co	S
0.2	0.5	0.01	0.35	0.55	0.01	Rem.	30.5	0.01

MECHANISCHE WAARDEN

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded	200	420	36	200	115 HB

HERDROGEN

Not required

GAS ACC. EN ISO 14175

I1, I3

CEWELD CuNi30Fe

CUNI30FE 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409522
D-100	1	8720663409539

CUNI30FE 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409546

CUNI30FE 1,2MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663409560
BS-300	15	8720663409553

CUNI30FE 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409577

CUNI30FE 2,4MM

Packaging	KG/unit	EanCode
K-415	25	8720663409638