



CEWELD E CuNi30Mn

TYPE Copper-Nickel based stick electrode (SMAW)

APPLICATIONS Wrought or cast copper nickel alloys, marine applications, desalination equipment.

PROPERTIES Excellent corrosion resistance in seawater and against fouling. Suitable for dissimilar welding of Monel Alloy 450 to Nickel 200 and or other Copper -Nickel alloys. Small diameters can be used in all positions.

CLASSIFICATION

AWS	A 5.6: E CuNi
EN ISO	17777: E Cu 7158
W.Nr.	2.0838
F-nr	34

SUITABLE FOR **Cu7158 (CuNi30Mn2FeTi), 2.0838**
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).

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL
ANALYSIS OF WELD METAL
(%)

Si	Mn	Ti	Fe	Ni+Co	Cu
0.25	1	0.25	0.55	30	Rem.

MECHANICAL PROPERTIES

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded		360	30	HRc

REDRYING Not required

GAS ACC. EN ISO 14175



CEWELD E CuNi30Mn

E CUNI30MN 2,4 X 305MM	Packaging	KG/unit	EanCode
	Can	4,54	8720663419170
E CUNI30MN 3,2 X 356MM	Packaging	KG/unit	EanCode
	Can	4,54	8720663419187