



# 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	<table border="0"> <tr> <td>AWS</td> <td>A 5.6: E CuNi</td> </tr> <tr> <td>EN ISO</td> <td>17777: E Cu 7158</td> </tr> <tr> <td>F-nr</td> <td>34</td> </tr> <tr> <td>W.Nr.</td> <td>2.0838</td> </tr> </table>	AWS	A 5.6: E CuNi	EN ISO	17777: E Cu 7158	F-nr	34	W.Nr.	2.0838
AWS	A 5.6: E CuNi								
EN ISO	17777: E Cu 7158								
F-nr	34								
W.Nr.	2.0838								

**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** No Approvals Found



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	Si	Mn	Ti	Fe	Ni+Co	Cu
	0.25	1	0.25	0.55	30	Rem.

ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R <sub>p0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)
	As Welded /		360	30

**REDRYING TEMPERATURE** Not required

**GAS ACCORDING EN 14175**



# CEWELD E CuNi30Mn

E CUNI30MN 2,4 X 305MM	Type	KG/unit	EANCode
	Can	4,54	8720663419170

E CUNI30MN 3,2 X 356MM	Type	KG/unit	EANCode
	Can	4,54	8720663419187