

# CEWELD CuNi30Fe

TYPE	Copper-Nickel alloyed Mig / Tig welding wire.								
APPLICATIONS	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 <a href="#">Ceweld NiTi-3</a> as a buffer layer. Shipbuilding, seawater evaporation plants, tubes, pump building, offshore, desalting equipment and parts etc.								
PROPERTIES	Sound, pore free deposits on ferrous and non-ferrous base materials offering excellent resistance to corrosion in sea water.								
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.7: ERCuNi</td> </tr> <tr> <td>EN ISO</td> <td>24373: Cu 7158 / CuNi30Mn1FeTi</td> </tr> <tr> <td>F-nr</td> <td>34</td> </tr> <tr> <td>W.Nr.</td> <td>2.0837</td> </tr> </table>	AWS	A 5.7: ERCuNi	EN ISO	24373: Cu 7158 / CuNi30Mn1FeTi	F-nr	34	W.Nr.	2.0837
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EN ISO	24373: Cu 7158 / CuNi30Mn1FeTi								
F-nr	34								
W.Nr.	2.0837								
SUITABLE FOR	<p><b>Mat.n:</b> 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</p> <p><b>(Monel 67):</b> 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).</p>								

APPROVALS No Approvals Found

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

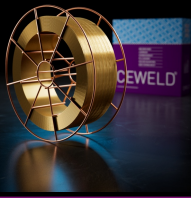
Si	Mn	P	Ti	Fe	Pb	Cu+Ag	Ni+Co	S
0.2	0.5	0.01	0.35	0.55	0.01	Rem.	30.5	0.01

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R <sub>P0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	Impact Energy (J) ISO-V RT	Hardness Brinell Hardness
As Welded /	200	420	36	200	Avg. 115

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 I1, I3



# CEWELD CuNi30Fe

## CUNI30FE 0,8MM

Type	KG/unit	EANCode
BS-300	15	8720663409522
D-100	1	8720663409539

## CUNI30FE 1,0MM

Type	KG/unit	EANCode
BS-300	15	8720663409546

## CUNI30FE 1,2MM

Type	KG/unit	EANCode
BS-300	13,6	8720663409560
BS-300	15	8720663409553

## CUNI30FE 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663409577

## CUNI30FE 2,4MM

Type	KG/unit	EANCode
K-415	25	8720663409638