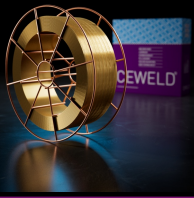




CEWELD CuNi10Fe

TYPE	Copper-Nickel welding wire for marine applications																					
APPLICATIONS	CEWELD® CuNi10Fe is suitable for welding and cladding CuNi-Materials of EN ISO 17664 and seawater resistant CuZn Alloys of EN ISO 17660. And also suitable for surfacing on low alloyed and unalloyed steels and grey cast iron.																					
PROPERTIES	Seawater resistant																					
CLASSIFICATION	EN ISO	24373: Cu 7061 / CuNi10																				
	F-nr	37																				
	W.Nr.	2.0873																				
SUITABLE FOR	Cunifer 10, cuni10fe, seawater resistant, marine applications, tubes, pump building, offshore etc.																					
APPROVALS	No Approvals Found																					
WELDING POSITIONS																						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Ti</th> <th>Fe</th> <th>Cu</th> <th>Pb</th> <th>Ni+Co</th> </tr> </thead> <tbody> <tr> <td>0.02</td> <td>0.1</td> <td>1</td> <td>0.01</td> <td>0.01</td> <td>0.4</td> <td>1.5</td> <td>89</td> <td>0.01</td> <td>10</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Ti	Fe	Cu	Pb	Ni+Co	0.02	0.1	1	0.01	0.01	0.4	1.5	89	0.01	10	
C	Si	Mn	P	S	Ti	Fe	Cu	Pb	Ni+Co													
0.02	0.1	1	0.01	0.01	0.4	1.5	89	0.01	10													
ALL WELD MECHANICAL PROPERTIES	<table border="1"> <thead> <tr> <th>Heat Treatment</th> <th>R_{p0,2} MPa</th> <th>R_m MPa</th> <th>A₅ (%)</th> <th>Impact Energy (J) ISO-V RT</th> <th>Hardness Brinell Hardness</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td></td> <td>300</td> <td>34</td> <td>190</td> <td>Avg. 80</td> </tr> </tbody> </table>	Heat Treatment	R _{p0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V RT	Hardness Brinell Hardness	As Welded /		300	34	190	Avg. 80									
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As Welded /		300	34	190	Avg. 80																	
REDRYING TEMPERATURE	Not required																					
GAS ACCORDING EN 14175	I1, I3																					



CEWELD CuNi10Fe

CUNI10FE 0,8MM

Type	KG/unit	EANCode
BS-300	15	8720663409447
D-100	1	8720663409454

CUNI10FE 1,0MM

Type	KG/unit	EANCode
BS-300	15	8720663409461

CUNI10FE 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663409478