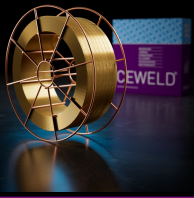


CEWELD CuMn13Al7

TYPE	CuMnAlNi (W.Nr: 2.1367) copper alloy Mig/Mag welding wire.																
APPLICATIONS	Joint welds or building up of aluminum bronze. Cladding components undergoing metal to metal wear under high pressure. Especially suited for marine environments. The addition of manganese and nickel improves hardness and strength. Excellently suitable for joining and cladding of copper alloys, unalloyed and low-alloy steels and grey cast iron.																
PROPERTIES	Highest grade of the Al-Bronze-types. Seawater-resistant copper-aluminum alloy without Zn with high toughness and improved hardness. "Very good weldability compare to the more common Al bronzes."																
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.7: ERCuMnNiAl</td> </tr> <tr> <td>EN ISO</td> <td>24373: Cu 6338 / CuMn13Al8Fe3Ni2</td> </tr> <tr> <td>F-nr</td> <td>37</td> </tr> <tr> <td>W.Nr.</td> <td>2.1367</td> </tr> </table>	AWS	A 5.7: ERCuMnNiAl	EN ISO	24373: Cu 6338 / CuMn13Al8Fe3Ni2	F-nr	37	W.Nr.	2.1367								
AWS	A 5.7: ERCuMnNiAl																
EN ISO	24373: Cu 6338 / CuMn13Al8Fe3Ni2																
F-nr	37																
W.Nr.	2.1367																
SUITABLE FOR	Ship propellers, copper, brass, pumps, seawater, desalting equipment, marine, pulling tools, shafts, guide grooves, sliding surfaces, cast iron, pully, UNS : C62300 - C63000, DIN : CuAl10Fe3Mn2 - CuAl10Ni5Fe4 - G-CuAl10Fe, Mat n° : 2.0936 - 2.0966 - 2.0940, CuNiAl, superstone etc..																
APPROVALS	No Approvals Found																
WELDING POSITIONS																	
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>Si</th> <th>Mn</th> <th>Fe</th> <th>Cu</th> <th>Zn</th> <th>Pb</th> <th>Al</th> <th>Ni+Co</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td>13</td> <td>3</td> <td>Rem.</td> <td>0.1</td> <td>0.01</td> <td>8</td> <td>2.5</td> </tr> </tbody> </table>	Si	Mn	Fe	Cu	Zn	Pb	Al	Ni+Co	0.05	13	3	Rem.	0.1	0.01	8	2.5
Si	Mn	Fe	Cu	Zn	Pb	Al	Ni+Co										
0.05	13	3	Rem.	0.1	0.01	8	2.5										
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>Hardness Brinell Hardness</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td></td> <td>880</td> <td>10</td> <td>Avg. 290</td> </tr> </tbody> </table>	Heat Treatment	R _{p0,2} MPa	R _m MPa	A5 (%)	Hardness Brinell Hardness	As Welded /		880	10	Avg. 290						
Heat Treatment	R _{p0,2} MPa	R _m MPa	A5 (%)	Hardness Brinell Hardness													
As Welded /		880	10	Avg. 290													
REDRYING TEMPERATURE	Not required																
GAS ACCORDING EN 14175	I1, I3																



CEWELD CuMn13Al7

CUMN13AL7 1,0MM

Type	KG/unit	EANCode
BS-300	15	8720663409317
BS-300	15	8720663409324

CUMN13AL7 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663409362

CUMN13AL7 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663409386