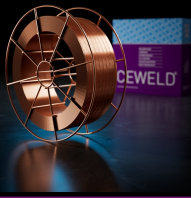


CEWELD CuSn6

TYPE	Tin bronze alloy of minimally 6% tin for virtually all welding procedures.												
APPLICATIONS	Boilers and tubes out of copper or copper alloys, oven soldering etc.												
PROPERTIES	Very good deoxidization. Surfacing and joining of Copper and CuSn-Alloys. Widely used in oven soldering. High quality alloyed copper wire. Sound, pore free deposits and good electrical conductivity. Excellent corrosion resistance												
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.7: ERCuSn-A</td> </tr> <tr> <td>EN ISO</td> <td>24373: Cu 5180A / CuSn6P</td> </tr> <tr> <td>F-nr</td> <td>33</td> </tr> <tr> <td>W.Nr.</td> <td>2.1022</td> </tr> </table>	AWS	A 5.7: ERCuSn-A	EN ISO	24373: Cu 5180A / CuSn6P	F-nr	33	W.Nr.	2.1022				
AWS	A 5.7: ERCuSn-A												
EN ISO	24373: Cu 5180A / CuSn6P												
F-nr	33												
W.Nr.	2.1022												
SUITABLE FOR	<p>Tin bronze alloy of minimally 6% tin for virtually all welding procedures. Very good deoxidisation. Surfacing and joining of Copper and CuSn-alloys. Widely used in oven soldering.</p> <p>Mat.n: 2.1010, 2.1016, 2.1020, 2.1030, 2.1050, 2.1052, 2.1056, 2.1080, 2.1086, 2.1090, 2.1096 CuSn8, CuSn7, CuSn6, CuSn4, G-CuSn7ZnPb, G-CuSn10</p>												
APPROVALS	No Approvals Found												
WELDING POSITIONS													
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>P</th> <th>Fe</th> <th>Cu</th> <th>Zn</th> <th>Pb</th> <th>Sn</th> </tr> </thead> <tbody> <tr> <td>0.25</td> <td>0.05</td> <td>Rem.</td> <td>0.05</td> <td>0.01</td> <td>5.5</td> </tr> </tbody> </table>	P	Fe	Cu	Zn	Pb	Sn	0.25	0.05	Rem.	0.05	0.01	5.5
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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>260</td> <td>20</td> <td>32</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 /		260	20	32	Avg. 80
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As Welded /		260	20	32	Avg. 80								
REDRYING TEMPERATURE	Not required												
GAS ACCORDING EN 14175	I1, I3												



CEWELD CuSn6

CUSN6 0,8MM

Type	KG/unit	EANCode
D-200	5	8720663408495
D-300	15	8720663408501

CUSN6 1,0MM

Type	KG/unit	EANCode
D-200	5	8720663408518
D-300	15	8720663408525
Drum	250	8720663408532

CUSN6 1,2MM

Type	KG/unit	EANCode
D-300	15	8720663408556
D-300	15	8720663408549

CUSN6 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663408563
BS-300	15	8720663408570
Drum	250	8720663408587