
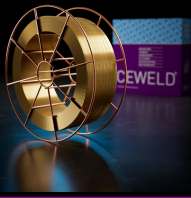




CEWELD CuNi30Fe

TYPE	Copper-Nickel alloyed Mig / Tig welding wire.																		
TOEPASSINGEN	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 Ceweld NiTi-3 as a barrier layer. Shipbuilding, seawater evaporation plants, tubes, pump building, offshore, desalting equipment and parts etc.																		
EIGENSCHAPPEN	Sound, pore free deposits on ferrous and non-ferrous base materials offering excellent resistance to corrosion in sea water.																		
CLASSIFICATIE	<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>W.Nr.</td> <td>2.0837</td> </tr> <tr> <td>F-nr</td> <td>34</td> </tr> </table>	AWS	A 5.7: ERCuNi	EN ISO	24373: Cu 7158 / CuNi30Mn1FeTi	W.Nr.	2.0837	F-nr	34										
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GESCHIKT VOOR	(Monel 67): Wrought and cast alloys of 70-30, 80-20 and 90-10 copper nickel alloys, Monel 450, (alloy 450), Nickel 200, CuNi10Fe, CuNi20Fe (2.0878), CuNi30Fe (2.0882), 2.0872 - CuNi 10 Fe 1 Mn (CuNi 10 Fe),																		
GOEDKEURINGEN																			
LASPOSITIES																			
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Si</th> <th>Mn</th> <th>P</th> <th>Ti</th> <th>Fe</th> <th>Pb</th> <th>Cu+Ag</th> <th>Ni+Co</th> <th>S</th> </tr> </thead> <tbody> <tr> <td>0.2</td> <td>0.5</td> <td>0.01</td> <td>0.35</td> <td>0.55</td> <td>0.01</td> <td>Rem.</td> <td>30.5</td> <td>0.01</td> </tr> </tbody> </table>	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
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MECHANISCHE WAARDEN	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Heat Treatment</th> <th rowspan="2">R_{P0,2} (MPa)</th> <th rowspan="2">R_m (MPa)</th> <th rowspan="2">A₅ (%)</th> <th colspan="2">Impact Energy (J) ISO-V</th> <th rowspan="2">Hardness</th> </tr> <tr> <th colspan="2">RT</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>200</td> <td>420</td> <td>36</td> <td colspan="2">200</td> <td>115 HB</td> </tr> </tbody> </table>	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness	RT		As Welded	200	420	36	200		115 HB		
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		RT																	
As Welded	200	420	36	200		115 HB													
HERDROGEN	Not required																		
GAS ACC. EN ISO 14175	I1, I3																		



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CUNI30FE 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409522
D-100	1	8720663409539

CUNI30FE 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409546

CUNI30FE 1,2MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663409560
BS-300	15	8720663409553

CUNI30FE 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409577

CUNI30FE 2,4MM

Packaging	KG/unit	EanCode
K-415	25	8720663409638