

COPPER NICKEL 90/10, ALLOY C70600

Standard Grade	EN12451 CuNi10Fe1Mn CW352H	ASME SB111 C70600	ASTM B111 C70600	DIN 1785 CuNi10Fe1Mn 2.0872	BS2871 Part 3 CN102
Cu	Rem.	Rem.	Rem.	Rem.	Rem.
Pb	0.01 max.	0.05 max.	0.05	0.02 max.	0.03 max.
Ni	9.0-11.0	9.0-11.0	9.0-11.0	9.0-11.0	10.0-11.0
Fe	1.0-2.0	1.0-1.8	1.0-1.8	1.0-1.8	1.0-2.0
Mn	0.5-1.0	1.0 max.	1.0 max.	0.5-1.0	0.5-1.0
Zn	0.5 max.	1.0 max.	1.0 max.	0.5 max.	
S	0.05 max.			0.05 max.	0.05 max.
C	0.05 max.			0.05 max.	0.05 max.
P	0.02 max				
Co	0.1 max.				
Sn	0.03 max.				
Total Impurities	0.2 max.			0.1 max.	0.03 max
Condition	R290	O61 annealed H55 light- drawn	O61 H55	F29	M O

Also available in welding grade

Typical use:

Used for functioning in seawater, mainly for shipbuilding and seawater pipelines, stations, desalination, because of its good corrosive resistance.


Melting point 1150°C

Hot Working Properties: Good

Cold Working Properties: Good

Dimensions

Dimensions of our normal product range: We are always trying to improve our range so please contact us if you are looking for other dimensions:

Ø 5.0 - 6.0 mm	wall 0.45 - 1.0 mm	
Ø 6.0 - 10.0 mm	wall 0.5 - 1.7 mm	
Ø 10.0 - 14.0 mm	wall 0.5 - 3.3 mm	
Ø 14.0 - 19.05 mm	wall 0.7 - 3.3 mm	
Ø 19.1 - 26.0 mm	wall 0.8 - 3.3 mm	
Ø 26.0 - 33.0 mm	wall 1.0 - 3.3 mm	
Ø 33.0 - 90.0 mm	wall 1.5 - 5.0 mm	