



### Characteristics and scope of application

- This material is a corrosion resistant copper-nickel alloy with good resistance even against hot sea water at high flow velocities.

### Standard designations

- DN designation CuNi10Fe1Mn
- Alloy number / UNS CW352H / C70600 (2.0872)
- Norms DIN EN ISO 12163 / ASTM B151
- Typical chemical composition Cu 88%, Ni 10%, Fe 1.5%, Mn 0.8%

### Physical properties

Density	Temperature liquidus line	Electrical resistivity	Mean coefficient of thermal expansion
lb/in <sup>3</sup>	°F	Ohm CMF	10 <sup>-6</sup> /°F   68 to 572°F
0.32	2093	114	9.4

### Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
ksi	ksi	%
52*	26*	35*

\* soft annealed