



Characteristics and scope of application

- This alloy is the missing link between CuNi10 and CuNi23Mn.
- We usually manufacture within a +/-5% tolerance of the electrical resistivity.

Standard designations

- DN designation CuNi15
- Alloy number / UNS - / -
- Norms -
- Typical chemical composition Cu 85%, Ni 15%

Physical properties

Density	Temperature liquidus line	Electrical resistivity	Mean coefficient of thermal expansion
lb/in ³	°F	Ohm CMF	10 ⁻⁶ /°F 68 to 572°F
0.32	2066	120	8.9

Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
ksi	ksi	%
45*	-	25*

* soft annealed