

Standardization and composition

NC 1.9
be

Physical properties

Norm	CuNi18Zn20
Density (kg/dm ³)	8.7
Melting range (°C)	1060 - 1110
E-Modulus (kN/mm ²)	135
Thermal conductivity (W / m x K)	33
Coefficient of linear mean expansion (10-6/K)	17.7
Electric conductivity (m / Ω x mm ²)	3.3 - 3.7
Electric conductivity (IACS %)	~ 6
Resistivity (Ω x mm ² /m)	0.2703 - 0.3030
Others	max. 0.5
CDA UNS	764
Alloy composition	Average values according to standard (%)
Cu	62.0
Zn	balance
Ni	18.0
Mn	0.25
Others	max. 0.5

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