

Standardization and composition

Physical properties

Norm	CuSn 4
Density (kg/dm ³)	8.9
Melting range (°C)	960 - 1060
E-Modulus (kN/mm ²)	125
Thermal conductivity (W / m x K)	90
Coefficient of linear mean expansion (10-6/K)	18.2
Electric conductivity (m / Ω x mm ²)	12
Electric conductivity (IACS %)	~ 20
Resistivity (Ω x mm ² /m)	0.0833
EN DIN 12166	CW 450 K
CDA UNS	not standardized
Alloy composition	Average values according to standard (%)
Cu	balance
Sn	4.0
P	0.10
Others	max. 0.5

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