

## Standardization and composition

Physical properties	
Norm	CuSn8
Density (kg/dm <sup>3</sup> )	8.8
Melting range (°C)	870 - 1025
E-Modulus (kN/mm <sup>2</sup> )	115
Thermal conductivity (W / m x K)	67
Coefficient of linear mean expansion (10-6/K)	18.5
Electric conductivity (m / Ω x mm <sup>2</sup> )	7.0 - 7.5
Electric conductivity (IACS %)	~ 12 - 13
Resistivity (Ω x mm <sup>2</sup> /m)	0.1250 - 0.1667
EN DIN 12166	CW 453 K
CDA UNS	521
Alloy composition	Average values according to standard (%)
Cu	balance
Sn	8.0
P	0.10
Others	max. 0.5

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