

Standardization and composition

Physical properties

Norm	Cu-ETP1
Density (kg/dm ³)	8.9
Melting range (°C)	1083
E-Modulus (kN/mm ²)	130
Thermal conductivity (W / m x K)	394
Coefficient of linear mean expansion (10-6/K)	17.3
Electric conductivity (m / Ω x mm ²)	58.6
Electric conductivity (IACS %)	~ 100
Resistivity (Ω x mm ² /m)	0.0171
EN DIN 12166	CW 003A
CDA UNS	110
Alloy composition	Average values according to standard (%)
Cu	min. 99.90

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