

Standard designation and composition

Physical properties	
Norm	Cu-OF1
Density (kg/dm ³)	8.9
Melting range (°C)	1083
E-Modulus (kN/mm ²)	125
Thermal conductivity (W / m x K)	393
Coefficient of linear mean expansion (10-6/K)	17.0
Electric conductivity (m / Ω x mm ²)	> 59
Electric conductivity (IACS %)	> 101.7
Resistivity (Ω x mm ² /m)	0.017
EN DIN 12166	CW 007A
CDA UNS	102
Alloy composition	Average values according to standard (%)
Cu	min. 99.95

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