Standardization and composition

Physical properties

Norm	CuZn36
Density (kg/dm³)	8.4
Melting range (°C)	902 - 920
E-Modulus (kN/mm²)	110
Thermal conductivity (W / m x K)	121
Coefficient of linear mean expansion (10-6/K)	22.2
Electric conductivity (m / Ω x mm²)	14.5 - 15.5
Electric conductivity (IACS %)	~ 25 - 26
Resistivity (Ω x mm² /m)	0.0645 - 0.0690
EN DIN 12166	CW 507 L
CDA UNS	270
Alloy composition	Average values according to standard (%)
Cu	64.0
Zn	balance
Others	max. 0.5

Physical properties

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