

Standardization and composition

MS 70
be

Physical properties

Norm	CuZn30
Density (kg/dm ³)	8.5
Melting range (°C)	910 - 965
E-Modulus (kN/mm ²)	114
Thermal conductivity (W / m x K)	126
Coefficient of linear mean expansion (10 ⁻⁶ /K)	19.8
Electric conductivity (m / Ω x mm ²)	15.5 - 16.5
Electric conductivity (IACS %)	~ 26 - 28
Resistivity (Ω x mm ² /m)	0.0606 - 0.0645
EN DIN12166	CW 505 L
CDA UNS	260
Alloy composition	Average values according to standard (%)
Cu	70.0
Zn	balance
Others	max. 0.5

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