

Standardization and composition

MS80

Physical properties

Norm	CuZn20
Density (kg/dm ³)	8.7
Melting range (°C)	970 - 1010
E-Modulus (kN/mm ²)	119
Thermal conductivity (W / m x K)	142
Coefficient of linear mean expansion (10-6/K)	18.8
Electric conductivity (m / Ω x mm ²)	17.0 - 19.0
Electric conductivity (IACS %)	~ 29 - 32
Resistivity (Ω x mm ² /m)	0.0526 - 0.0588
EN DIN12166	CW 503 L
CDA UNS	240
Alloy composition	Average values according to standard (%)
Cu	80.0
Zn	balance
Others	max. 0.5

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