

Standardization and composition

Physical properties	
be DIN	not standardized
C Density (kg/dm ³)	8.9
coi Melting range (°C)	1070 - 1085
be E-Modulus (kN/mm ²)	125
coi Thermal conductivity (W / m x K)	247
Coefficient of linear mean expansion (10-6/K)	17.0
St Electric conductivity (m / Ω x mm ²)	40 - 45
Electric conductivity (IACS %)	~ 68 - 77
Resistivity (Ω x mm ² /m)	0.0217 - 0.0250
Cu	balance
P	0.10
Mn	0.10
Ag	0.9
Others	max. 0.5

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