

# Standardization and composition

C1MG 01	
Physical properties	not standardized
DIN	
Density (kg/dm <sup>3</sup> )	8.9
Melting range (°C)	1080
E-Modulus (kN/mm <sup>2</sup> )	~ 125
Thermal conductivity (W / m x K)	~ 320
Coefficient of linear mean expansion (10-6/K)	17.5
Electric conductivity (m / Ω x mm <sup>2</sup> )	~ 47
Electric conductivity (IACS %)	~ 81
Resistivity (Ω x mm <sup>2</sup> /m)	0.0213
Cu	balance
Mg	0.1
Others	max. 0.5

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