

Electrical and mechanical properties

Properties (Standard values)	Alloy and tempering	
	6063-T6	6101-T6
Thermal conductivity (W/m·K)	201	218
Electrical conductivity at 20°C: (% IACS)	53	57 (min. 55)
Electrical resistivity at 20°C: ($\mu\Omega\cdot m$)	0,0325	0,0308
Temperature coefficient of the electrical resistance at 20°C: (K-1)	0,0035	0,0037