

CuNi 10



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Main characteristics of CuNi alloys

Alloy Nomenclature	Resistivity ($\mu\Omega\cdot\text{cm}$)	Max.working Temperature (0C)	Tensile Strength (Mpa)	Melting point (0C)	Density (g/cm ³)	TCR x10-6/ 0C (20~600 0C)	EMF vs Cu ($\mu\text{V}/0\text{C}$) (0~100 0C)
CuNi2	5	200	220	1090	8,90	<120	-12
CuNi6	10	220	250	1095	8,90	<60	-18
CuNi10	15	250	290	1100	8,90	<50	-25
CuNi23	30	300	350	1150	8,90	<16	-34
CuNi44	49	400	420	1200	8,90	<-6	-43
Electrocufer CCS 40	4,3	300	450		8,20		

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