

# Electrical Conductance

( kilosiemens/cm )

Thermal Conductivity  
is similar

H 117 ●	250 ●											B 377 ●	0.727 ●	N	O	F	He
Li 238 ●	Be 225 ●											Al 57.5 ●	C 100 ●	P	S	Cl	Ne
Na 163 ●	Mg 256 ●	16.4 ●	23.8 ●	39 ●	77.5 ●	5.41 ●	103 ●	160 ●	146 ●	598 ●	169 ●	57.5 ●	25.6 ●	83.3 ●	Br	Ar	
K 80.0 ●	Ca 43.5 ●	Sc 17.5 ●	Ti 25.0 ●	V 80.0 ●	Cr 192 ●	Mn 5.41 ●	Fe 132 ●	Co 222 ●	Ni 92.6 ●	Cu 629 ●	Zn 146 ●	Ga 119 ●	Ge 90.9 ●	As 30.0 ●	Se	Kr	
Rb 50 ●	Sr 16 ●	Y 12.7 ●	Zr 28.5 ●	Nb 80.3 ●	Mo 177 ●	Tc 51.8 ●	Ru 110 ●	Rh 189 ●	Pd 94.3 ●	Ag 426 ●	Cd 10.2 ●	In 55.6 ●	Sn 48.4 ●	Sb 9.36 ●	Te	Xe	
Cs 50 ●	Ba 16 ●	Lu 12.7 ●	Hf 28.5 ●	Ta 80.3 ●	W 177 ●	Re 51.8 ●	Os 110 ●	Ir 189 ●	Pt 94.3 ●	Au 426 ●	Hg 10.2 ●	Tl 55.6 ●	Pb 48.4 ●	Bi 9.36 ●	Po	Rn	
Fr	Ra	Lr	Rf	Db	Sg	Bh	Hs	Mt	110	111	112		114				

	13.3 ●	15 ●	15.6 ●		11.4 ●	11.1 ●	7.12 ●		17.5 ●	11.5 ●	9.35 ●	12.7 ●	34.5 ●
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
	76.9 ●		33.3 ●		7.07 ●								
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No

Revised  
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