

# Thermal Properties of the Elements

**Legend:**

Alkaline earth metals	Transition metals	Semimetallics	Solid elements
Alkali metals	Lanthanides	Inert gases	Liquid elements
Nonmetals	Actinides		Gaseous elements
Halogens	Other metals		Radioactive

Atomic Number	Name	Atomic Mass	Specific Heat	Thermal Conductivity	Expansion Coefficient
34	selenium	78.96	0.32 J/g·K	2.04 W/m·K	49.27 · 10 <sup>-6</sup> /K
35	bromine		0.48 J/g·K	0.122 W/m·K	3.119 g/cm <sup>3</sup>
52	tellurium	127.60	0.21 J/g·K	449.5 W/m·K	4.79 g/cm <sup>3</sup>

  

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**Bibliography:**  
D'ANS LAX  
Lehrbuch der Anorganischen Chemie - Holleman & Wiberg - de Gruyter Verlag  
Others

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