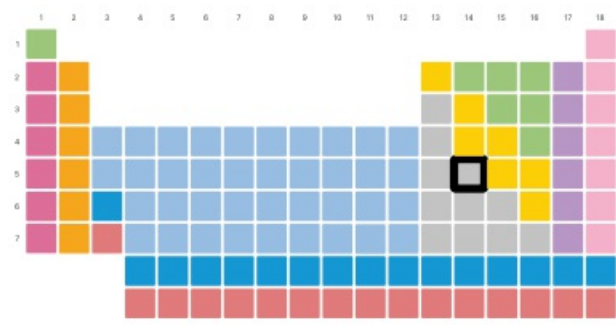


Tin

Post Transition Metal



Symbol

Sn

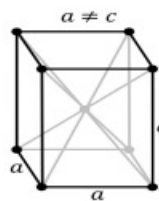
Atomic radius (pm)

145

Phase - Solid



Crystal Structure



Centered Tetragonal

Atomic number

50

Melting Point (K)

505.08

History

The element Tin was discovered by Unknown in year 3500 BCE in . Tin was first isolated by in 2000 BCE . Tin derived its name from English word (stannum in Latin).

Appearance

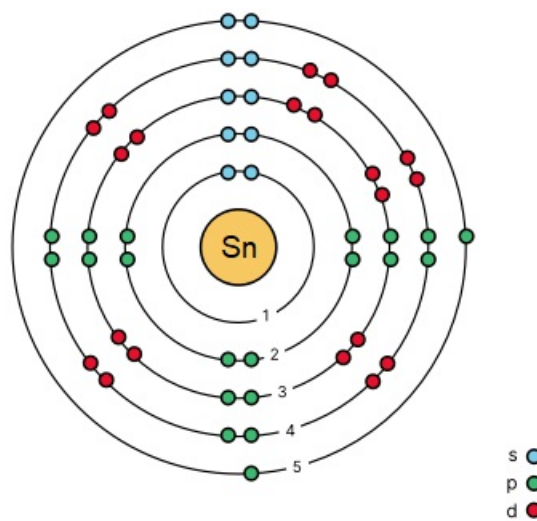
silvery-white (beta, β) or gray (alpha, α)

Atomic weight (amu)

118.71

Boiling Point (K)

2875



[Kr] 4d¹⁰ 5s² 5p²
[2, 8, 18, 18, 4]

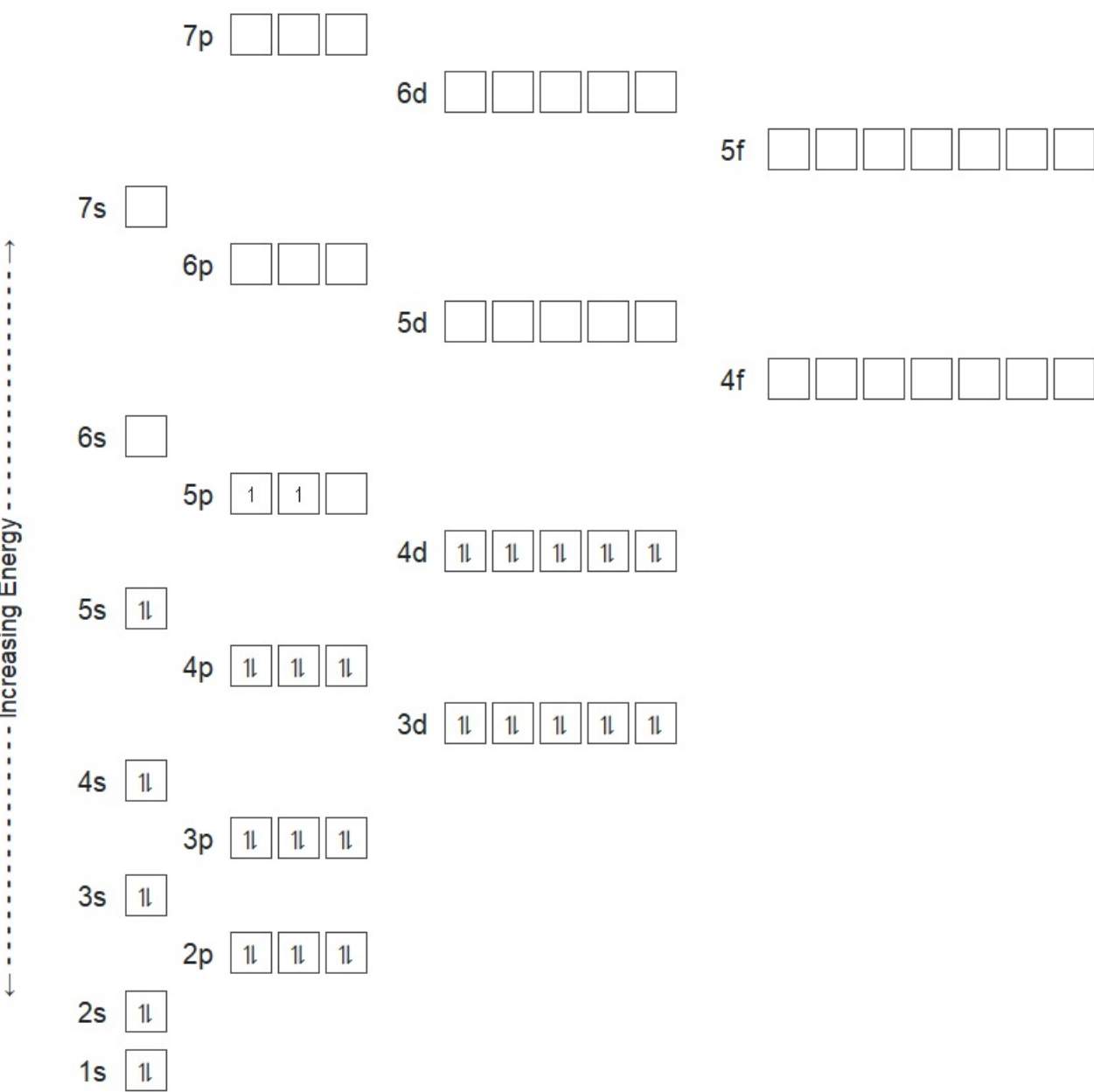
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Tin

Post Transition Metal

Electronic Configuration



50

118.71

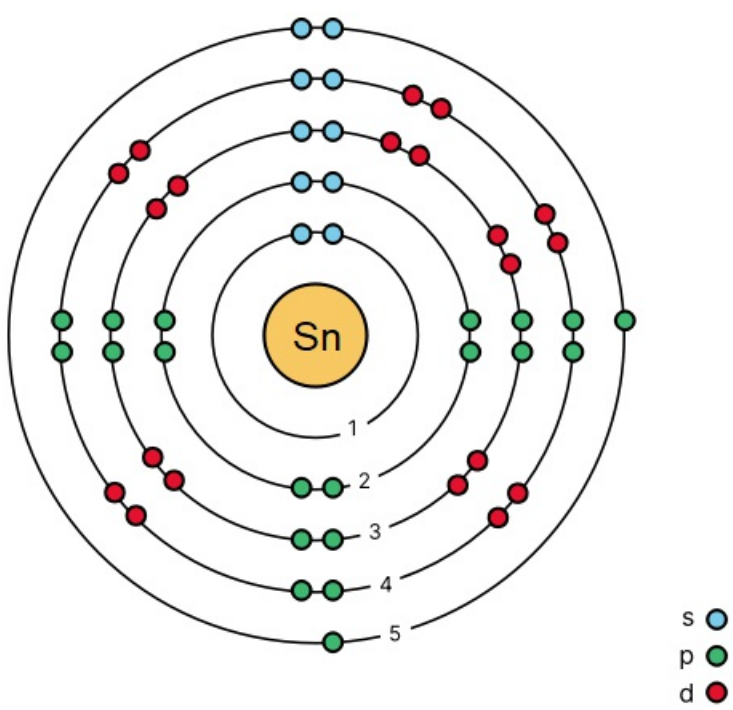
Sn

Tin

Solid

Centered Tetragonal

[Kr] 4d¹⁰ 5s² 5p²



[Kr] 4d¹⁰ 5s² 5p²
[2, 8, 18, 18, 4]

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