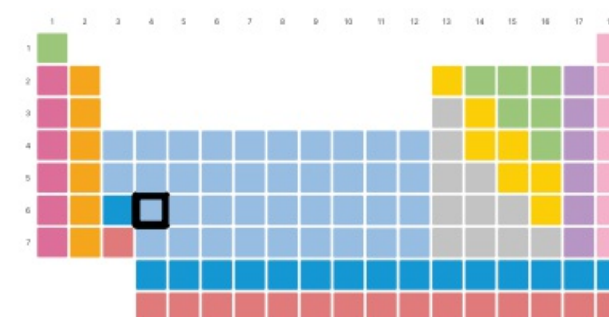


Hafnium

Transition Metal



Symbol

Hf

Atomic number

72

Atomic weight (amu)

178.49

Atomic radius (pm)

208

Melting Point (K)

2506

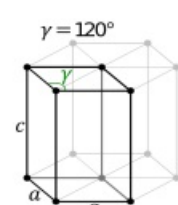
Boiling Point (K)

4876

Phase - Solid



Crystal Structure



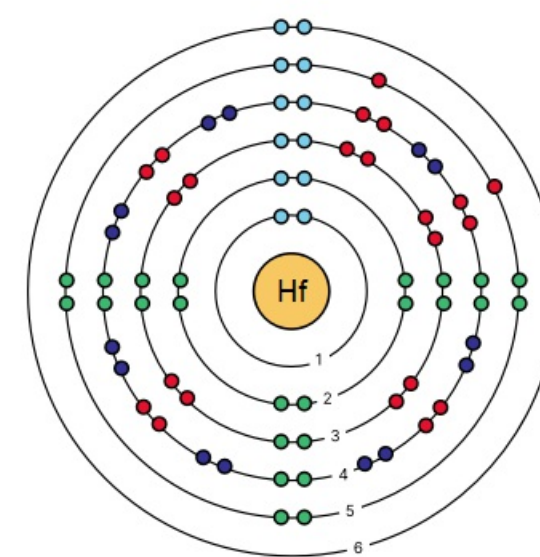
Simple Hexagonal

History

The element Hafnium was discovered by D. Coster and G. von Hevesy in year 1922 in Denmark .
Hafnium was first isolated by D. Coster and G. von Hevesy in 1922 . Hafnium derived its name from Hafnia, the New Latin name for Copenhagen.

Appearance

steel gray



[Xe] 4f¹⁴ 5d² 6s²
[2, 8, 18, 32, 10, 2]

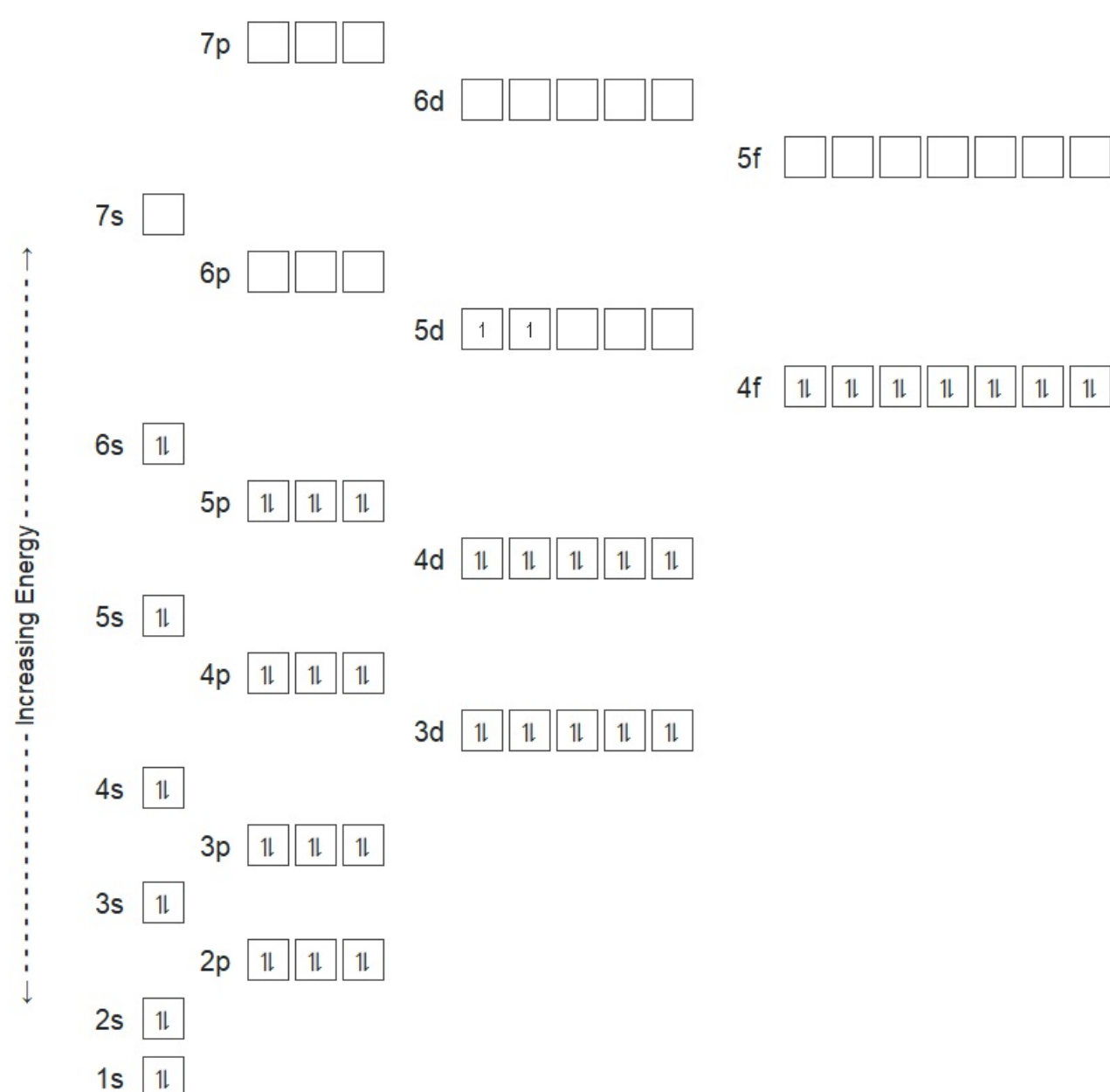
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Hafnium

Transition Metal

Electronic Configuration



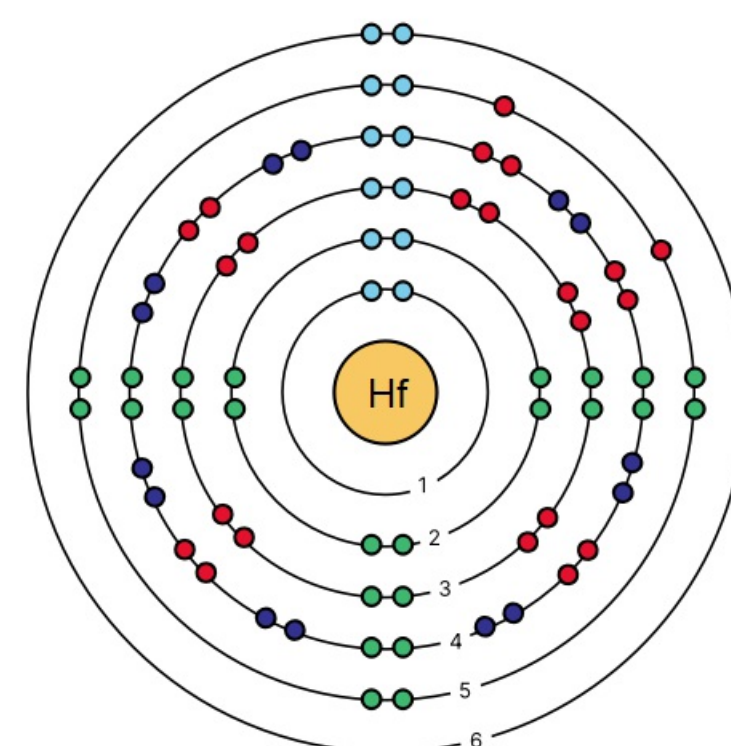
72 178.49

Hf

Hafnium

[Xe] 4f¹⁴ 5d² 6s²

Solid
γ = 120°
Simple Hexagonal



[Xe] 4f¹⁴ 5d² 6s²
[2, 8, 18, 32, 10, 2]

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