

NOBLE GAS GROUP (18) TECHNICAL REFERENCE

Sym

Element & Atomic No.

Weight (u)

Electron Configuration

Boiling Point

He

Helium Z: 2

4.0026

1s²

-268.9 C

Ne

Neon Z: 10

20.180

[He] 2s² 2p⁶

-246.1 C

Ar

Argon Z: 18

39.948

[Ne] 3s² 3p⁶

-185.8 C

Kr

Krypton Z: 36

83.798

[Ar] 3d¹⁰ 4s² 4p⁶

-153.2 C

Xe

Xenon Z: 54

131.29

[Kr] 4d¹⁰ 5s² 5p⁶

-108.1 C

Rn

Radon Z: 86

(222)

[Xe] 4f¹⁴ 5d¹⁰ 6s² 6p⁶

-61.7 C

Og

Oganesson Z: 118

(294)

[Rn] 5f¹⁴ 6d¹⁰ 7s² 7p⁶

Extrapolated