

Curium (Cm)

Atomic number: 96

Mass number: 247

Description: Curium is named in honor of Pierre and Marie Curie

Discoverer by: Glenn Seaborg and colleagues in 1944.

Properties:

Melting point: 1618K Boiling Point: NA

Density: 13.51gm/cm³ State: Solid

Group: Actinides Period: 7 Block: f

Electronic configuration: [Rn]5f⁷6d¹7s²

Isotopes: ²⁴³Cm, ²⁴⁸Cm

Appearance: Radioactive metal silver in color.

Tarnish rapidly in air

Uses:

- 1) Used to provide power to electrical equipment on space mission.

Source: www.rsc.org

