

# Lawrencium (Lr)

Atomic mass: 103

Atomic mass: 262

Description: It is named after Ernest O. Lawrence, the inventor of cyclotron.

Discovered by: Georgy Flerov and colleagues and at Dubna, near Moscow, Russia, and independently by Albert Ghiorso and colleagues at Berkeley, California, USA in 1965.

## Properties:

Melting point: 1900K

Boiling point: NA


Density: NA

State: Solid

Group: Actinides    Period: 7    Block: f

Electronic Configuration:  $5f^{14}6d^17s^2$

Isotopes:  $^{262}\text{Lr}$



Appearance: A radioactive metal of which only a few atoms have ever been created.

Uses:

1) No use outside research.

Source: [www.rsc.org](http://www.rsc.org)

