

# Protactinium (Pa)

Atomic number: 91

Atomic mass: 231.036

Description: The name is derived from the Greek 'protos', meaning first, as a prefix to the element actinium, which is produced through the radioactivity decay of protactinium.

Discovered by: Kasimir Fajans and Otto Gohring in 1913.

## Properties:

Melting point: 1845K

Boiling Point: 4273K

Density: 15.4 g/cm<sup>3</sup>

State: Solid

Group: Actinides

Period: 7

Block: f

Electronic Configuration: [Rn] 5f<sup>2</sup>6d<sup>1</sup>7s<sup>2</sup>

Isotopes: <sup>231</sup>Pa

Appearance: A silvery, radioactive metal.

Uses:

1) It is little used outside research.

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

