

# 9 Fast Facts About Uranium

Atomic Number **92**

## Found in nature:

- Uranium-238
- Uranium-235
- Uranium-234

Named for the planet **Uranus**.

## Can be mined 3 ways:

- open pit
- underground, in-situ leaching
- borehole mining (high-pressure water jets)

Discovered by Martin Heinrich Klaproth in 1789.

**Boiling Point:**  
about  
3,818°C

Uranium compounds were once used to **color glass and ceramics**

Only Uranium-235 can sustain a chain reaction of **nuclear fission**



98.43	111.3
<b>U</b>	
<b>Uranium</b>	
<b>92</b>	
13.61	17.22

Occurs in these types of deposits: unconformity-related, Olympic Dam, sandstone, quartz-pebble conglomerate, surficial, vein, volcanic, caldera-related, intrusive, metasomatite

**Delivering Value to the Mining Industry**

[www.thermoscientific.com/niton](http://www.thermoscientific.com/niton)

**Thermo**  
SCIENTIFIC  
Part of Thermo Fisher Scientific