

# Tennessine (Ts)

Atomic number: 117

Atomic mass: 294

Description: The name refers to the US state of Tennessee.

Discovered by: Scientists from Joint Institute for Nuclear Research in Dubna, Russia, the Lawrence Livermore National Laboratory in California, USA, and Oak Ridge National Laboratory in Tennessee, USA in 2010.

## Properties:

Melting point: NA

Boiling point: NA

Density: NA

State: Solid

Group: 17

Period: 7

Block: p

Electronic Configuration:  $[\text{Rn}]5f^{14}6d^{10}7s^27p^5$

Isotopes:  $^{294}\text{Ts}$

Appearance: A radioactive metal of which only few atoms have been made.

Uses:

1) Only used in research.

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

