Isotopes of Ununtrium

Isotope	Atomic Mass	Half-life	Mode of Decay
Uut-283	283	0.147 seconds	α to Rg-279
Uut-284	284	0.376-1.196 seconds	α to Rg-280

Ununtrium is the temporary name of a chemical element with the temporary symbol *Uut* and atomic number 113. It is an extremely radioactive synthetic element (an element that can be created in a laboratory but is not found in nature); the most stable known isotope, Ununtrium-286, has a half-life of 20 seconds. Ununtrium is produced via the α-decay of element 115, and it was first created in 2003 by the Joint Institute for Nuclear Research in Dubna, Russian Federation. Its name refers to its atomic number 113 (*un-* means "one" and *tri-* means "three").

Properties of Ununtrium

Name	Ununtrium
Symbol	Uut
Atomic number	113
Atomic weight	[284]
Standard state	Presumably a solid at 298 °K
CAS Registry ID	54084-70-7
Group in periodic table	13
Group name	None
Period in periodic table	7
Block in periodic table	p-block
Color	Unknown, but probably metallic and silvery white or grey in appearance
Classification	Metallic
Melting point	430 °C (predicted)
Boiling point	1130 °C (predicted)
Density of solid	16.00 g/cm^3 (predicted)
Electron configuration	[Rn]5f^{14}6d^{10}7s^{2}7p^1
Heat of vaporization	130.00 (predicted) kJ·mol^{-1}
Heat of fusion	7.61 (extrapolated) kJ·mol^{-1}
Oxidation states	+1, +2, +3, +5 (predicted)

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