Download What Does Carbon 14 Decay To

Carbon-14 is an isotope of carbon. It is written as 14 6 C . It has all the chemical properties similar to those shown by normal carbon (14 6 C). Carbon-14 (14 6 C) isotope is unstable and radioactive. Carbon-14 decays by emitting beta particles and giving nitrogen. Carbon-14 is an isotope of carbon. It is written as 14 6 C .Carbon-12 and carbon-13 are both stable, while carbon-14 is unstable and has a half-life of 5,730±40 years. Carbon-14 decays into nitrogen-14 through beta decay. A gram of carbon containing 1 atom of carbon-14 per 10 12 atoms will emit ~0.2 beta particles per second.Carbon 14 is a radioactive isotope of Carbon that contains two more neutrons than the stable Carbon 12. It has 6 protons and 8 neutrons.The carbon-14 atoms are always decaying, but they are being replaced by new carbon-14 atoms at a constant rate. At this moment, your body has a certain percentage of carbon-14 atoms in it, and all living plants and animals have the same percentage.