



Atoms are the building blocks of every [molecule](#) . They are also elements and cannot be divided into smaller parts without losing their specific element property.

The structure of atoms can be divided in the nucleus and the atomic shell. The nucleus consists of protons and neutrons. The atomic shell consists different levels, where electrons are located.

The number of each unit characterizes the atom and therefore its chemical property.

During the exploration of the structure of atoms, which is still not finished, different scientists create different models to simplify the structure of atoms, imagine how they look like. Atoms are

that small, that is not possible to see them, even with the best microscopes.

Because of this, we would like to present one model, to illustrate the atoms structure. Please keep in mind that it is an model, therefore it is not an exact image and it simplifies the real structure, which is probably very complex.