

- other consumption - up to 10%.

The vast majority of aluminum is used in the form of alloys that have high mechanical properties and depending on the application are divided into *two large groups* – *deformable* (about 80% of the total production of alloys) and *foundry* (about 20%). Castings of various configurations are obtained from casting alloys. Widely known casting alloys based on aluminum-silumins, in which the main alloying additive is silicon (up to 13%).