

Abstract

Overall, recycling entails both advantages and disadvantages. The major advantage is saving large amounts of energy in recycling compared to primary raw material, which is another big plus for recycling non-ferrous metals - save primary raw material. The Czech Republic and many other countries are largely dependent on imports of certain raw materials (aluminum, lead, copper, etc.) or just on mentioned recycling. Nowadays, increase in the number of electrical devices (computers, mobile telephones, tablets, etc.), is recycling of scrap metal very important, because in each device occurs a certain amount of non-ferrous metals, noble metals, which can be used again. In this work will be described commonly used non-ferrous metals (properties, inventories, recovery and recycling). Theses also deal with e-waste and its management.

Key words: non-ferrous metals, recycling, utilization