The article presents a bushing technology implementation to turbo power. It was anticipated that the developed bushings would be cheaper than the imported ones. The body of the bushing was made of epoxy composite using a method of casting. For the optimal selection of the construction of insulators and to ensure manufacturability, the execution of prototypes of insulators needed a series of studies of material parameters (electrical, mechanical, thermal) and taking into account of the environmental policies, which is important in implementing solutions for large scale production. Advantages and disadvantages of this technology are presented. The results of material tests performed on the test model of the insulator are included. The usefulness of selected materials and technologies for the use in the production was ascertained.

Keywords: bushing, technology of production, epoxy composites