

## Influence of parameters of the electro-chemical process on the granulometric composition and morphology of titanium powder

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### Abstract

The influence of the parameters of electrochemical process (temperature and current density) on morphology and granulometric composition of superdispersed titanium powder was studied. It was established that particle size is increased with increasing the current density and temperature of the process. At the same time, the influence of the current density on the particle size is indirect, because an increase of current density leads to the appearance of the local heating centers and, as a consequence, to the particle growth in the producing metal.