

## Synthesis and properties of titanium-containing catalyst of hindered phenols oxidation

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**Keywords:** *oxidation, sterically hindered phenols, diphenoquinone, titanium oxide, alkaline catalysis.*

### Abstract

A process for producing a heterogeneous alkali catalyst for the oxidation of sterically hindered phenols has been proposed. The surface composition and stability of the proposed heterogeneous alkaline catalyst were studied. The principle of spatial hydrofobisation of alkaline catalyst surface was shown.