

Improved Process for the Preparation of Polytetrahydrofuran

Summary

5 Polytetrahydrofuran, tetrahydrofuran copolymers, and diesters or monoesters of these polymers are prepared by the polymerization of tetrahydrofuran in the presence of at least one telogen and/or comonomer over a heterogeneous supported catalyst which contains an active component comprising a catalytically active amount of at least one oxygen-containing tungsten and/or molybdenum compound on an oxidic support material and which, following application of the precursor compounds of the active component to the support material precursor, has been calcined at temperatures of from 500°C to 1000°C, where a catalyst is used which contains a promotor comprising at least one element of Group 2, 3 (including the lanthanides), 5, 6, 7, 8 or 14 of the Periodic Table or a compound of such element.

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