

Catalyst, its preparation and the polymerization of cyclic ethers over this catalyst

5 Abstract

The present invention relates to a solid, acid catalyst for the preparation of polytetrahydrofuran, polytetrahydrofuran copolymers, diesters or monoesters of these polymers by
 10 polymerization of tetrahydrofuran in the presence of at least one telogen and/or comonomer, which has a BET surface area of at least 160 m²/g and an acid center density of at least 0.05 mmol/g for pK_a values of from 1 to 6, to a process for preparing it and
 15 catalyst.

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