

A B S T R A C T

HYDROCONVERSION CATALYST

A catalyst of use in hydroconversion processes comprises platinum supported on a silica-alumina carrier, which carrier has been prepared from an amorphous silica-alumina having a pore volume of at least 1.0 ml/g, the carrier having been impregnated with the platinum by a process comprising contacting the carrier with a platinum salt in the presence of a liquid under acidic conditions. A process for the preparation of the aforementioned catalyst comprises preparing a carrier from an amorphous silica-alumina having a pore volume of at least 1.0 ml/g and impregnating the carrier so-formed with platinum by contacting the carrier with a platinum salt in the presence of a liquid under acidic conditions. The catalyst is of general use in hydroconversion processes, but exhibits a high level of activity and selectivity in the preparation of middle distillates by the hydroconversion of hydrocarbons prepared by the Fischer-Tropsch process.

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