

ABSTRACT

POLYCONDENSATION CATALYST FOR PRODUCING POLYESTER
AND METHOD FOR PRODUCING POLYESTER USING THE SAME

The invention provides a polycondensation catalyst for producing polyester by an esterification reaction or a transesterification reaction between a dicarboxylic acid or an ester-forming derivative thereof and a glycol, the polycondensation catalyst being obtained by hydrolyzing a water soluble titanium compound in the absence of a water soluble alkali in an aqueous slurry in which particles of a solid base are dispersed thereby to form on the surface of the particles of the solid base a coat layer of titanic acid in a content of from 0.1 to 50 parts by weight in terms of TiO_2 per 100 parts by weight of the solid base. The invention further provides a method for producing such a polycondensation catalyst, and polyester obtained using such a polycondensation catalyst.

No Figure