

METHOD FOR PREPARING POLYMER, AND OBTAINED POLYMER

Abstract

Disclosed in the present invention are a method for preparing polymer, and an obtained polymer. The method comprises: enabling olefin and unsaturated carboxylate be subjected to a polymerization reaction in the presence of a catalyst to generate an olefin-unsaturated carboxylate polymer, the catalyst comprising a primary catalyst and optionally a cocatalyst, and the primary catalyst comprising at least one complex represented by formula I, formula I', or formula I''. By selecting a reacted unsaturated carboxylate monomer, catalysts, and a suitable polymerization process, a spherical and/or sphere-like polymer having good shape is directly prepared without subsequent processing steps such as granulation, and the obtained polymer product is not prone to fouling in a reactor and is convenient for transportation.

<Fig. 2>