

ABSTRACT OF THE DISCLOSURE

TITLE OF THE INVENTION

CARRIER FOR OLEFIN POLYMERIZATION CATALYST, OLEFIN
POLYMERIZATION CATALYST AND PROCESS FOR PRODUCING OLEFIN
POLYMER

A carrier for an olefin polymerization catalyst comprising a porous acrylic polymer having a polar functional group, a solid catalyst component for an olefin polymerization obtained by supporting a transition metal compound and an organoaluminum compound and /or organoaluminumoxy compound on the carrier, an olefin polymerization catalyst and a process for producing an olefin polymer using the catalyst.

According to the present invention, there can be provided an olefin polymerization catalyst having a high polymerization activity, which can give an olefin polymer excellent in particle property when applied to a slurry polymerization or a gas phase polymerization.

3-6756188