

ABSTRACT

The object of the present invention is to provide a production method of a polyolefin, in which catalyst activity is improved, and a polyolefin such as a linear low density polyethylene can industrially be advantageously produced. The present invention relates to a production method of a polyolefin, in which in producing a polyolefin by polymerization reaction of an olefin using a catalyst, an organohalide is present in a reaction system in an amount of from 0.05 to 10 ppm by weight in terms of a halogen atom as a concentration in a raw material polyolefin, and 1-hexene for linear low density polyethylene production raw material, containing an organohalide in an amount of from 0.05 to 10 ppm by weight in terms of a halogen atom.