

**PRODUCTION METHOD OF POLYOLEFIN, POLYOLEFIN AND 1-HEXENE FOR
LINEAR LOW DENSITY POLYETHYLENE PRODUCTION RAW MATERIAL**

ABSTRACT

The invention aims at providing a process for the production of polyolefins which makes it possible by virtue of enhanced catalytic activity to produce polyolefins such as linear low-density polyethylene industrially advantageously. The invention relates to a process of producing polyolefins by polymerizing an olefin with a catalyst, wherein an organic halogen compound is present in the polymerization system in a concentration of 0.05 to 10ppm by weight in terms of halogen based on the raw material olefin; and 1-hexene to be used as the raw material in producing linear low-density polyethylene, which contains 0.05 to 10ppm by weight of an organic halogen compound in terms of halogen.

No Suitable Figure