

PROCESS FOR PRODUCING α -OLEFIN POLYMER, α -OLEFIN POLYMER, AND
LUBRICATING OIL COMPOSITION

ABSTRACT

Provided is a method of producing an α -olefin polymer including a step of polymerizing one or more kinds of α -olefins each having 6 to 20 carbon atoms with a catalyst obtained by using a specific transition metal compound. By the method, an α -olefin polymer having a viscosity suitable for use in a lubricating oil can be produced on an industrial scale with ease, and further, the characteristics of the product can be widely changed through the control of reaction conditions.

No Suitable Figure