

Abstract

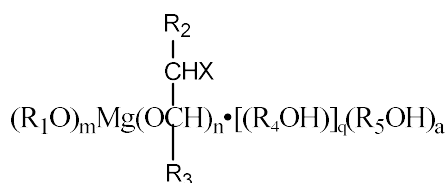
CARRIER FOR OLEFIN POLYMERIZATION CATALYST AND APPLICATION THEREOF, CATALYST FOR OLEFIN POLYMERIZATION AND APPLICATION THEREOF, AND OLEFIN POLYMERIZATION METHOD

5

Disclosed are a spherical carrier for olefin polymerization catalysts, a preparation method therefor and an application thereof, a catalyst and an application thereof, the carrier comprising at least one magnesium-containing compound having a structure represented by formula (1). The spherical carrier for olefin polymerization catalysts of the present invention has a relatively good particle morphology, and substantially no abnormally morphological particles will appear. The provided method may prepare a carrier having a small particle size and greatly expands the particle size range of the preparable carrier. When the catalyst prepared by using the obtained carrier is used for olefin polymerization, polymerization activity is good, substantially no abnormally morphological material is present, and hydrogen response is good.

10

15



Formula (1)

[Figure 1]