

Abstract

CATALYST COMPOSITION FOR HYDROGENATION, METHOD FOR  
PRODUCING SAME, HYDROGENATED POLYMER AND METHOD FOR  
PRODUCING SAME

The present invention, with the purpose of providing a catalyst composition for hydrogenation having high hydrogenation activity, provides a catalyst composition for hydrogenation, comprising: a titanocene dichloride; an organometal compound comprising one or two or more elements selected from the group consisting of Li, Na, K, Mg, Zn, Al and Ca; an unsaturated compound; and a polar compound, wherein a content ratio of the unsaturated compound to the titanocene dichloride is 0.1 or more and 8.0 or less, and a content ratio of the polar compound to the titanocene dichloride is 0.01 or more and 2.0 or less.