

A metal compound obtained by a process comprising the step of contacting, in a specific ratio, a compound represented by the formula $M^1L^1_r$, a compound represented by the formula $R^1_{s-1}TH$, and a compound represented by the formula $R^2_{4-n}J(OH)_n$; a catalyst component for addition polymerization comprising the metal compound; a catalyst for addition polymerization using the catalyst component; and a process for producing an addition polymer using the catalyst.