

Abstract

Herein disclosed are a water-reactive Al composite material which comprises 4NAI or 5NAI containing added In in an amount ranging from 2 to 5% by mass; and added Si and Si as an impurity in a total amount ranging from 0.04 to 0.6% by mass on the basis of the amount of Al; a thermally sprayed Al film prepared using this material; a method for the production of such an Al film; and a constituent member for a film-forming chamber, which is provided with this thermally sprayed Al film on the surface thereof.