

ABSTRACT

An aluminum-silicon carbide composite suitable as e.g. a base plate for power module is provided.

An aluminum-silicon carbide composite comprising a
5 flat plate-shaped silicon carbide porous body infiltrated
with a metal containing aluminum as the main component,
aluminum layers made of a material containing aluminum as
the main component formed on both principal planes of the
porous body, wherein the aluminum-silicon carbide
10 composite has side faces formed by abrasive jet
fabrication and the side faces do not have the aluminum
layers made of a metal containing aluminum as the main
component.