

ABSTRACT

PREPREG COMPRISING POLYPHENYLENE ETHER PARTICLES

Provided is a prepreg suffering little resin
particle fall-off and little resin peeling during prepreg
production and during handling in order to have excellent
5 dielectric properties for PPE and favorable adhesiveness.
A PPE-containing prepreg constituted of a base material
and a curable resin composition including PPE particles,
wherein the prepreg is characterized in that (1) PPE
10 extracted from the prepreg using a mixed solvent of
toluene and methanol in a mass ratio of 95:5 includes PPE
particles (A) insoluble in the mixed solvent, (2) the
amount of PPE contained in the PPE particles (A) is 70
mass% or higher, and (3) the number-average molecular
15 weight of the PPE contained in the PPE particles (A) is
8,000-40,000.

Figure 1