

ABSTRACT

5 The present invention relates to the field of material technologies, and more particularly to a compound dispersant which is composed of distilled water, a nonionic surfactant, an anionic surfactant and a wetting agent. The nonionic surfactant is a Tween compound, and the anionic surfactant is hydrocarbyl sulfate salts; and the compound dispersant can block or slow down agglomeration of graphene in a dispersion solution. The present invention further relates to a preparation method of the compound dispersant, which is simple to operate. The present invention further relates to a mixed electroplating solution containing the compound dispersant, in which the graphene is dispersed uniformly and stably. The present invention further relates to a preparation method of the mixed electroplating solution, in which graphene is distributed uniformly and stably.

No figure

15