

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, wherein the nonionic surfactant is a Tween compound, and the wetting agent includes a hydrocarbyl sulfate salt compound and a hydrocarbyl sulfonate salt compound; 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; and the prepared compound dispersant can effectively block or slow down the agglomeration of graphene in the dispersion solution.
- 10 The present invention further relates to a mixed electroplating solution including 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, which is simple to operate, wherein graphene is distributed uniformly and stably.
- 15 No Figure