

عنوان مقاله:

Synthesis of Polyaniline /Aluminium oxid nanocomposite by using sodium dodecylbenzenesulfonate(DBSNa)

محل انتشار:

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خلاصه مقاله:

In this paper polyaniline/ Al_2O_3 nanocomposite was prepared by using sodium dodecylbenzenesulfonate(DBSNa) as surfactant and ammonium peroxy disulfate as an oxidant in aqueous media. The product was characterized in terms of morphology, particle size, and chemical structure. The chemical structure of the product was studied by fourier transform infrared spectroscopy. The results show the particle size and homogeneity of particles influenced by surfactant

کلمات کلیدی:

Nanocomposite, Polyaniline, surfactant, Morphology, Chemical structure

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