

عنوان مقاله:

ZnO/Fe₃O₄ Hybrid Nanofibers Prepared by Electrospinning and Application in Electromagnetic Wave Absorption

محل انتشار:

دهمین سمینار بین المللی علوم و تکنولوژی پلیمر (سال: 1391)

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خلاصه مقاله:

Due to the increasing use of gigahertz electromagnetic waves in industrial, commercial and military application the electromagnetic interference as a specific kind environmental pollution is drawing more attention recently. In order to protect people from the harm of electromagnetic wave, the demands to develop microwave absorbents with high absorption rate, thin coating, and wide absorption band, light weight, thermostable, anti-abrasion and low cost are ever increasing [1–3]. In this study, Polyacrylonitrile (PAN) fibers involving ZnO/Fe₃O₄ /IL additives were prepared as an electromagnetic interference shielding material by electrospinning

کلمات کلیدی:

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