

## عنوان مقاله:

Effect of Suspension Concentration on filtering time and CNT Treatment on Properties of Buckypaper for Epoxy/BuckyPaper Nanocomposite Production

## محل انتشار:

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

تعداد صفحات اصل مقاله: 2

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## خلاصه مقاله:

Due to the unique physical properties of carbon nanotubes, including mechanical, thermal, and electrical properties, CNTs are used as the most promising reinforcement materials for use in high performance composites. However, good tube dispersion and high nanotube loading and strong interfacial bonding are essential for fabricating high performance CNT buckypaper nanocomposites. The filtering time and properties of final buckypaper are important parameters in buckypaper production. By enhancement of CNT concentration, volume of suspension for filtration and filtering time are reduced. Acid treatment leads to remove of surfactant and excellent buckypaper

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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