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عنوان مقاله:

Synthesis of MWCNT/PMMA Nanocomposites Materials by Reversed Microemulsion Polymerization and Study of Their Thermal Conductivity

محل انتشار:

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

تعداد صفحات اصل مقاله: 1

نویسندگان:

H Asiani - *Andishe Bartar Miran Institute, No.1, 25th St., 10th km of Karaj Special RD, Tehran, Iran Department of chemical engineering, Faculty of Engineering, Arak University, Arak 38156-8-8349, Iran*

Zakiyan - *Tarbiat Modares University, Chemical Engineering Faculty, Tehran, Iran*

M. H. N. Famili - *Tarbiat Modares University, Chemical Engineering Faculty, Tehran, Iran*

خلاصه مقاله:

The precursor of PMMA was prepared by reversed microemulsion polymerization. Modified Multiwall carbon nanotubes were separately add to system beforepolymerization. Scanning electron microscopic (SEM) microphotographs reveals that acid modified MWCNT were dispersed uniformly in polymeric matrix. The effect of theacid modified MWCNT on the Thermal properties of MWCNT/PMMA composites was investigated. Tg and Tm .nanocomposites were increased from 95.8 ºC to 105.3ºC

کلمات کلیدی:

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