

عنوان مقاله:

Synthesis, Homopolymerization and Copolymerization of 9-antryl methyl metacrylate and β -naphthyl metacrylate

محل انتشار:

دومین همایش ملی پژوهش های کاربردی در علوم شیمی، زیست شناسی و زمین شناسی (سال: 1393)

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خلاصه مقاله:

antryl methyl metacrylate is synthesized by reaction of 9-anthracene methanol and methcryloyl chloride in the-9 peresence of Et₃N in THF as solvent. After characterization of this monomer, by IR and NMR spectroscopic technique, we report the homopolymerization and copolymerization 9-antryl methyl metacrylate using the reaction of styrene in the presence of AIBN as initiator. The structure of all target compounds was characterized by spectral .analyses. The thermal behavior of the polymers is studied by TGA

کلمات کلیدی:

anthracene methanol, methcryloyl chloride, Copolymerization, β -naphthol-9

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