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PHYSICO-CHEMICAL ANALYSIS OF POLY VINYLETHYNYLTRIE TO XYSISILANE

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ABSTRACT

The article presents the optimal methods for the synthesis of vinyl ethynyltriethoxysilane in a solvent medium and the maximum reaction yield in a diethyl ether medium is reached. The synthesized polymer was also analyzed using UV spectroscopy to determine the shift of the absorption lines of the chromatophore group.

KEYWORDS: *Acetylene, Vinylacetylene, Tetraethoxylane, Ethyl Ether, Benzene, Tetrahydrofuran, Adsorption, Solution, Monomer, Polymer, Emulsifier, Organ silicon Compound, Stabilizer, Thermo polymerization, Viscosity, Density, Light Refractive Index, UV Spectrum, Absorption.*

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